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Lancaster Farming

DEC 17

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On The Farm With Pa.'s Dairy Princess

LOU ANN GOOD
Lancaster Farming Staff

STRAUSSTOWN (Berks Co.) — Barb Grimes predicts that her daughter will be the first state dairy princess to fight to keep her crown when her title expires in September.

Eighteen-year-old Jennifer's passion for that crown is not its sparkling brilliance but what it stands for. As the Pennsylvania Dairy Princess, she represents the dairy industry and farmers — the best combination possible, according to Jennifer.

"Some people think that all we do is stand there and look pretty. Little do they know," Jennifer Grimes said when discussing the duties of dairy princesses.

"All dairy princesses — that means 36 county dairy princesses — are strong promoters of the dairy industry. The industry really is well represented this year," she said.

Jennifer told of the hundreds of hours spent handing out recipes and samples of milk, cheese, and other dairy products, of appearing at public functions to speak for the industry, and of radio and television spots.

"Soft drink companies depend upon commercials and billboards to do the advertising. The dairy industry, by using dairy princesses, has personal contact and I think the message sticks more in consumers' minds," she said.

Jennifer is no stranger to the hard work that goes on behind the scenes to produce milk for millions of Americans.

There's nothing she likes better than to dress in a flannel shirt and jeans and get out in the barn to help deliver a calf or milk a cow.

Jennifer, her parents Barb and Ken, and brother Jonathan operate a 400-acre farm in Berks County

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Passerbys can't help but notice this sign at the entrance to Cabin Creek Farm in Strausstown, where Pennsylvania Dairy Princess Jennifer Grimes works with her parents, Barb and Ken, and brother Jonathan.

Digester Technology May Save Money On Electricity, Heating

ANDY ANDREWS
Lancaster Farming Staff

HARRISBURG (Dauphin Co.) — A proposal known as S.B. 439 is under review by the state Senate to construct six demonstration digesters in the state, according to representatives from various agencies headquartered here. Farmers may be able to save money on electricity and heating their farm, as well as protect their environment, by using manure digesters.

A digester is a device that collects the gas generated from decomposing manure from a manure holding area, pit or tank. A good digester, which can cost from $40,000-$100,000 or more, depending on size, collects gas used to power a generator, which in turn provides heat and electricity.

Information from demonstration digesters may help farmers learn about the technology. That's the driving idea behind proposed legislation, which is now under review in the Pennsylvania Senate.

Larry Lentz, who represents the Center for Rural Pennsylvania, an agency of the state general assembly, said S.B. 439, in committee since February this year, would pay 80 percent of the cost of six separate demonstration digesters.

Farmers who apply for the cost-share money would be required to then pay back the cost of the digester within two years, with no interest, according to the proposal. The only requirement is that the digester provide enough space to perform research and be open for view to the general public.

Biogas Conference

Not only large-scale dairy, swine, and chicken operations can benefit immediately, but small-scale farmers can use the simple technology to generate heat for their buildings and their homes, according to farmers on a panel at the On-Farm Biogas Production Conference held Wednesday in New Holland.

It took only three years to pay off the investment in a series of three manure digesters built from 1978 to 1980 at Mason-Dixon Farms, according to owner Richard Waybright.

Waybright invested a total of about $250,000 (in 1993 dollars), when he was paying about $80,000

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Mitch Ashby, auctioneer, in light jacket, center, was on hand at the start of the Lancaster County tobacco auction on Monday. About 250 tobacco growers and eight buyers turned out for the event, which had a top price of Maryland 609 tobacco at $1.25 per pound. The price of $1.25 held on Wednesday's auction. See story page A28.

Lancaster DHIA Looks Good After First Year

VERNON ACHENBACH JR.
Lancaster Farming Staff

SMOKETOWN (Lancaster Co.) — The 1,104 members of the independent Lancaster Dairy Herd Improvement Association (DHIA) have fared well in the first year since it split from the Pennsylvania DHIA, according to its leadership.

According to several speakers during Tuesday's Lancaster DHIA annual meeting, held at the Good and Plenty Restaurant in Smoketown, their success is not a mark against the Pa.DHIA, but rather a reflection of better producer competitiveness for Lancaster DHIA members.

One of the leading dairy counties in the nation, the majority of its dairymen served to catalyze an industry-wide change in the organization of DHIAs across the nation, when it sought to abandon the state association's record processing and testing services, located in Centre County, and to seek services from a records processing center in Raleigh, N.C.

The issue was ultimately resolved through negotiations and the National DHIA, when it approved the transfer of Lancaster DHIA records from Pa.DHIA to the Raleigh Dairy Records Processing Center (DRPC).

That move set the stage for the current situation which gives much more latitude, and longitude, to dairymen seeking a choice of services.

Bob Wenger, Lancaster DHIA president, said that the organization, which just received its status as a nonprofit corporation, had ended the year in good financial

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Christmas Deadlines

The ***Lancaster Farming*** office will be closed Friday, December 24 in observance of Christmas day. Early deadlines will be followed the week of Christmas. These deadlines are as follows:

Public Sale Ads — Noon, Mon., 12/20.

Mailbox Markets — Noon, Mon., 12/20.

General News — Noon, Wed., 12/22.

Classified Section C Ads — 5 p.m., Tue., 12/21.

All Other Classified Ads — 9 a.m., Wed., 12/22.

Lancaster Co. Livestock Market Auctions

Lancaster Livestock Auction

Lancaster, Pa.
Monday, December 6, 1993

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Auction	730	79	448	1119	571
Last Monday	701	68	391	854	443
Last Year	894	115	221	1013	723

CATTLE: Slaughter steers weak to mostly 50 lower; slaughter heifers mostly steady; cows steady to 1.00 lower; bullocks steady; bulls weak to 1.00 lower. Supply included 48% slaughter steers, 19% slaughter heifers, 21% cows, and 12% bulls.

SLAUGHTER STEERS: Choice 2-3 few 4 1100-1450 lb 69.25-72.50, few 72.50- 72.85; High Choice and Prime 2-4 1260-1425 lb 72.25-73.50; few Choice 2 1135- 1400 lb 73.50-74.50; couple lots Choice mostly 3 1450-1565 lb 65.75-70.35; Select and low Choice 2-3 1300-1650 lb 64.75-69.00.

HOLSTEINS: Choice 2-3 1200-1500 lb 61.00-63.00; Select 1-3 1150-1575 lb 60.00-61.50.

SLAUGHTER HEIFERS: Choice 2-3 1000-1300 lb 65.75-70.00; few Choice 2 1050- 1225 lb 70.00-71.50; Choice 3-4 1000-1150 lb 62.75-65.75; Select 1-3 950-1200 lb 59.75-65.50.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 45.00-47.50 47.50-48.50 Commercial 3-4 38.00-44.00 Cutter & Boning Utility 1-3 41.50-43.00 43.00-46.50 46.50-47.50 Canner & low Cutter 1-2 39.00-40.00 40.00-41.50.

BULLOCKS: Choice 2-3 11550-1375 lb 66.75-69.550, couple 70.00-73.75, with a couple 1285-1480 lb 77.50-80.00; few Select 2-3 1050-1350 lb 62.50-66.00.

BULLS: Yield grade 1 1300-1900 lb 60.00-65.00, few 66.00-69.00, with 12 head 1590-2265 lb 70.00-74.75; Yield grade 2 1050-1550 lb 55.00-60.00, five head 2050-2300 lb 55.00-58.50.

CALVES: Vealers not tested; slaughter calves steady. Demand good for Holstein bulls to return to farm.

SLAUGHTER CALVES: Good and Choice 300-500 lb 65.00-85.00.

RETURNED TO FARM: Bulk 90-120 lb Holstein bulls 140.00-165.00.

HOGS: Barrows and gilts 1.00-2.00 lower; sows weak to 1.00 lower.

BARROWS AND GILTS: US 1-2 215-245 lb 39.50-40.00. US 1-3 210-255 lb 38.50-39.50. US 2-3 260-290 lb 36.00-38.50.

SOWS: US 1-3 300-600 lb 30.00-33.00.

BOARS: All Weights 28.00-29.00,

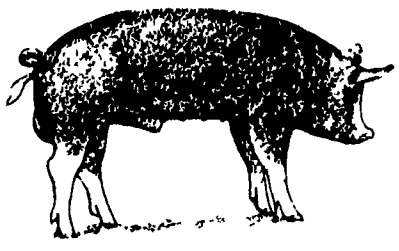
SHEEP: Slaughter lambs 5.00-10.00 lower; slaughter ewes steady. Supply included an estimated 70% slaughter lambs with the balance slaughter ewes.

SLAUGHTER LAMBS: Choice 2-3 80-110 lb 69.00-75.00, 60-80 lb 75.00-83.00, few 35-60 lb 85 00-91.00, few 115-140 lb 62.00-68.00.

NEW CROP LAMBS: Choice 2 40-70 lb 100.00-145.00.

SLAUGHTER EWES: Utility and Good 30.00-45.00; Yearlings and two-year olds 40.00-55.00.

GOATS: All goats sold by the head. Large 75.00-100.00, around 35 head 110.00-160.00; few Thin 50.00-75.00. Medium 40.00-55.00; few Thin 35.00-40.00. Small, mainly kids, 25.00-35.00. Around 100 head Angora 25.00-40.00.



Vintage Livestock Auction

Paradise, Pa.
Tuesday, December 7, 1993
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	656	1058	3	1
Last Tuesday	733	995	2	7
Last Year	686	886	3	0

CATTLE..USDA.. Supply included 21% slaughter steers and 68% cows ..Compared with Tuesday's market: sl. steers weak to .50 lower; cows 1.00 to 1.50 lower; other classes not fully tested. SLAUGHTER STEERS: Choice 2-3 1075/1400 lbs. 69.00-71.50, few 71.50-72.50, Choice and Prime 2-3 1150/1375 lbs. 72.75-74.00, couple 74.50-75.00, Choice 3 to mostly 4 1150/1480 lbs. 67.25-69.25, Select and Low Choice 2-3 1050/1400 lbs. 66.00-69.50, few Select 2-3 1100/1350 lbs. 62.75-66.25. HOLSTEINS: few Choice 1500/1550 lbs. 60.00-62.50, Select 1-3 1200/1400 lbs. 56.50-59.50. HEIFERS: few Choice 2-3 1025/1070 lbs. 67.75-71.75. COWS: Breaking Utility and Commercial 2-3 bulk 43.75-45.00, high dressing 45.00-46.75, Commercial 3-4 bulk 40.00-43.00, Cutter and Boning Utility 1-3 bulk 42.00-45.00, high dressing 45.00-46.50, Canner and Low Cutter 1-2 low dressing 36.00-38.50, bulk 38.50-42.00. BULLS: Yield Grade No. 2 1300/1850 lbs. 54.00-58.25.

CALVES...Vealers steady. Supply included 843 in graded sale of which 95% sold to return to farm. VEALERS: couple Choice 210/290 lbs. 87.00-90.00, High Good and Low Choice 125/360 lbs. 70.00-80.00, few 80/105 lbs. 45.00-55.00, Standard and Low Good 65/80 lbs. 30.00-45.00. RETURNED TO FARM: 45 head 120/125 lbs. Holstein bulls 140.00-152.00, 265 head 95/115 lbs. 157.00-163.00, 45 head 90 lbs. 150.00-151.00 and 45 head 70/80 lbs. 100.00-110.00, 30 head small frame 110/120 lbs. 122.00-127.00, 140 head 90/105 lbs. 132.00-141.00 and 55 head 80/85 lbs. 75.00-95.00; 60 head 90/115 lbs. Holstein heifers 205.00-222.00, 10 head small frame 90/110 lbs. 197.00-199.00, 30 head 80/85 lbs. 100.00-110.00 and 20 head 70/75 lbs. 45.00-60.00.

SHEEP...Insufficient volume for a market test.

GOATS...Insufficient volume for a market test.

New Holland Dairy

New Holland Sales Stables
Wednesday, December 8, 1993
Report supplied by auction

DAIRY COWS 129; HEIFERS 180 AND 14 BULLS. MARKET STEADY. LOCAL FRESH COWS 670.00-1185.00.

FRESH HEIFERS 885.00-1400.00.

LOCAL SPRINGERS 560.00-1210.00, FEW 1500.00-1650.00.

UPSTATE LOADS FRESH 225.00-1675.00, SPRINGERS 1025.00-1575.00.

BETTER FRESH COWS 1375.00-1575.00.

HERD OF 44 HEAD ALL STAGE COWS 550.00-1375.00.

SPRINGING HEIFERS LARGE 1010.00-1250.00, SMALL 650.00-885.00.

SHORTBRED HEIFERS 635.00-875.00.

OPEN BREEDING AGE HEIFERS 585.00-710.00, SMALL OPEN HEIFERS 310.00-515.00.

REGISTERED HEIFERS 1175.00-1325.00

BULLS: PUREBRED 585.00-985.00, GRADES 625.00-750.00.

Lancaster Livestock Auction

Wednesday's market report has been discontinued until further notice because of insubstantial receipts.

Grantsville Livestock

Grantsville, Maryland
Report Supplied by Auction
Sat., December 4, 1993

STOCK BULLS AND STEERS 200-500 LBS. 70.00-87.00.

STOCK HEIFERS: 55.00-78.00.

SLAUGHTER STEERS GOOD TO CHOICE, NONE AVAILABLE; MEDIUM TO GOOD UP TO 64.00.

FEEDER STEERS GOOD 70.00-80.00; LIGHT 68.00-87.00.

SLAUGHTER HEIFERS GOOD TO CHOICE, NONE AVAILABLE; MEDIUM TO GOOD 54.00-62.00.

BULLS HEAVY 50.00-65.00, LIGHT 45.00-51.50.

COWS FEW HIGH DRESSING 42.50-50.00, UTILITY HOLSTEIN 42.50-48.75, CANNERS 36.00-43.50, CULLS 36.00 AND DOWN.

VEALS GOOD TO CHOICE 85.00-91.00, MEDIUM TO GOOD 60.00-84.00.

BOB CALVES: 40.00 AND DOWN.

HOLSTEIN BULL CALVES RETURN TO FARM 90-120 LBS. 100.00-138.00.

HOLSTEIN HEIFER CALVFES RETURN TO FARM 100-120 LBS. UP TO 130.00.

BEEF CROSS CALVES RETURN TO FARM UP TO 105.00.

HOGS TOP QUALITY 40.00-41.00; HEAVY 38.00-40.50, LIGHT 35.00-40.00, FEEDER PIGS BY THE HEAD 20.00-36.00.

SOWS 28.00-34.00.

MALE HOGS 24.00-30.50.

LAMBS 58.00-70.00, LIGHT 70.00-82.00.

SHEEP 20.00-29.00.

North Jersey Livestock

Hackettstown, NJ
Report Supplied by Auction
Tuesday, December 7, 1993
Report supplied by auction

CALVES .21-2.05.
COWS .25-51.
EASY COWS .10-.45½.
HEIFERS .25-.63.
BULLS .45-.69½.
STEERS .35-.68½.
HOGS .28-.43.
ROASTING PIGS EACH 25.00-31.00.
BOARS .22-.28.
SOWS .15-.31.
SHEEP .21-.53.
LAMBS EACH 28.00-76.00.
LAMBS PER LB. .39-1.07.
GOATS EACH 15.00-105.00.
KIDS EACH 20.00-75.00.
TOTAL 1400.

New Holland Livestock

New Holland, Pa.
Thursday, December 9, 1993
Market not reported by USDA.
Reported by Sherry Bunting
Lancaster Livestock Reporter

SLAUGHTER CATTLE: 1257 HEAD, LAST WEEK 1283, LAST YEAR 781 (STORM-REDUCED RECEIPTS). COMPATED TO TUESDAY, SLAUGHTER STEERS .50-1.00 LOWER. SUPPLY INCLUDED MANY LARGE, HEAVY YIELD GRADE 4-5 CATTLE RECEIVING ADDITIONAL DISCOUNTS. DEMAND BEST FOR CHOICE AND PRIME 1100-1350 LB. STEERS; YIELD GRADE 4-5 TOLERATED IN LOTS WEIGHING UNDER 1425 LB. AND EXHIBITING BETTER OVERALL QUALITY OF FINISH. SLAUGHTER HEIFER RECEIPTS INSUFFICIENT TO FULLY TEST TREND. COWS 1.00-2.00 HIGHER. BULLS 1.00-2.00 LOWER.

SLAUGHTER STEERS: 525 HEAD, LAST WEEK 453, LAST YEAR 223, CHOICE 2-4, 1045-1425 LB. 67.75-71.25, FEW HIGH YIELDING LOTS TO 72.85, OUTSTANDING INDIVIDUALS 73.00-76.00; YIELD GRADE 3-5, 1280-1775 LB. 63.75-68.50 (UP TO AND INCLUDING OR APPROACHING PRIME); MIXED CHOICE & PRIME 2-4, 1167-1425 LB. 71.00-73.35, FEW 74.50; SELECT & LOW CHOICE 2-4 1020-1660 LB. 64.00-67.00; SELECT 1-3, 1050-1350 LB. 62.00-66.00. HOLSTEINS: STEADY TO WEAK, CHOICE 2-3, 1210-1590 LB. 60.75-65.00; SELECT 1-3, 1315-1660 LB. 54.75-61.00.

HEIFERS: 35 HEAD, LAST WEEK 50, LAST YEAR 20. CHOICE 2-4, 950-1195 LB. 60.25-65.25; FEW LARGE FRAME 1615 LB. 62.00.

COWS: 483 HEAD, LAST WEEK 530, LAST YEAR 550. BRKNG. UT. & COMM. 2-3, 44.25-47.25; COM. 3-4, 35.00-43.25; BN. UT. 1-3, 44.00-47.00, HIGH DRESSING 47.25-50.50; CUTTER 1-2 42.00-43.75; CAN. & LOW CUTTER 39.00-42.75, LOW DRESSING 36.00-39.00.

BULLS: 50 HEAD, LAST WEEK 50, LAST YEAR 40, YIELD GRADE 1, 1200-1735 LB. 59.25-62.75; YIELD GRADE 2 1275-2030 LB. 54.75-58.25.

BULLOCKS: FEW CHOICE 2-3, 1020-1470 LB. 62.75-66.25, INDIVIDUAL 73.75.

CALVES: 614 HEAD. VEALERS: CHOICE 200-350 LB. 70.00-85.00, COUPLE 100.00; HIGH GOOD & LOW CHOICE 80-115 LB. 40.00-60.00. RETURNED TO FARM: HOLSTEIN BULLS: BULK 90-125 LB. 125.00-140.00, FEW TO 150.00; LIGHTER WEIGHTS 60.00-100.00. GOOD HOLSTEIN HEIFERS 90-120 LB. 180.00-220.00; LIGHTERWEIGHT 90.00 AND DOWN.

SHEEP: 412 HEAD. LAMBS: NEW CROP: CHOICE 25-45 LB. 127.00-140.00. CHOICE 80-105 LB. 55.00-65.00. SLAUGHTER EWES: UTILITY & GOOD 20.00-40.00.

GOATS: 189 HEAD. PER HEAD: LARGE 60.00-70.00, SEVERAL 110.00-140.00; MEDIUM 45.00-55.00; SMALL 20.00-45.00.

Lancaster County Weekly

LANCASTER, PA
DECEMBER 10, 1993

	CATTLE	CALVES
THIS WEEK	2850	1750
LAST WEEK	2929	1837
LAST YEAR	2986	1452

CATTLE: Slaughter steers 1.00-1.50 lower; slaughter heifers steady to weak; cows 1.00-3.00 lower; bullocks steady; bulls weak to 1.00 lower. This report covers only Monday and Tuesday markets.

SLAUGHTER STEERS: Choice 2-3 few 4 1075-1450 lb 69.00-72.00, few 72.00-72.85; Choice and Prime 2-3 1150-1375 lb 72.75-74.00, couple 74.25-75.00; few lots high Choice and Prime 3-4 1260-1425 lb 72.25-73.50; Select and low Choice 2-3 1100-1450 lb 64.75-69.00; few Select 2-3 1100-1350 lb 62.75-66.25.

HOLSTEINS: Choice 2-3 1200-1500 lb 60.00-63.00; Select 2-3 1150-1575 lb 56.50-60.50.

SLAUGHTER HEIFERS: Choice 2-3 1000-1300 lb 65.75-70.00; few Choice 2 1050- 1225 lb 70.00-71.75; Choice 3-4 1000-1150 lb 62.75-65.75; Select 1-3 950-1200 lb 59.75-65.50.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility & Commercial 2-3 43.75-45.00 45.00-48.00. Commercial 3-4 39.00-45.00 Cutter & Boning Utility 1-3 41.00-42.00 42.00-45.00 45.00-47.00. Canner and low Cutter 36.00-38.50 38.50-42.00,

BULLOCKS: Choice 2-3 1150-1375 lb 66.75-69.50, couple 70.00-73.75; Select 1-3 1050-1300 lb 62.50-66.00.

BULLS: Yield grade 1 1300-1900 lb 60.00-65.00, few 65.00-69.00, with 12 head 1590-2265 lb 70.00-74.75; Yield grade 2 1050-1550 lb 55.00-60.00, five head 2050-2300 lb 55.00-58.50.

CALVES: Small supply vealers steady; slaughter calves steady. Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Couple Choice 210-290 lb 87.00-90.00; high Good and low Choice 125- 360 lb 70.00-80.00, 80-110 lb 45.00-55.00.

SLAUGHTER CALVES: Good and Choice 300-500 lb 65.00-85.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 140.00-163.00; small frame 90-120 lb 122.00-141.00, few 80-85 lb 75.00-95.00; bulk 90-115 lb Holstein heifers 205.00-220.00; few small frame 90-110 lb 197.00-199.00 and few 80-85 lb 100.00-110.00.

WANT ADS
the Inexpensive Way to Shop

VINTAGE SALES STABLES, INC.
SALE TUESDAYS
10:30 A.M. SLAUGHTER CATTLE AUCTION — STEERS, BULLS, HEIFERS, COWS, FEEDER CATTLE
7:30 P.M. CALVES, SHEEP, GOATS * GET CALVES IN EARLY — OUR STATE GRADER STARTS AT 1:00 P.M.
Selling Feeders Every Tuesday At Approx. 2 PM
FOR MORE INFORMATION CONTACT:
L. ROBERT FRAME, SR., PRESIDENT
BUS (717) 442-4181 BUS (717) 768-8204
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IRWIN MARTIN, FIELD REP.
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LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Rt. 22
PHONE JONESTOWN 865-2881
Flea Market Auction every Tuesday at 12:30, Tools, Eggs, Produce, etc.
Buyers & Sellers Welcome

HAY, STRAW & CORN — SALE —
Please Note New Sale Time!
Starting Jan. 3
Sale Starts 10 AM
Every Friday At 10 AM
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
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Ph. (717) 653-5728
RON RANCK
Ph. (717) 656-9849

Hog Markets

New Holland Feeder Pigs

New Holland, PA
Wed., December 8, 1993
Report Supplied by Auction

TODAY: 1035 HEAD
LAST WEDNESDAY: 556 HEAD
LAST YEAR: 778 HEAD

TREND: COMPARED TO LAST WEDNESDAY, FEEDER PIGS STEADY TO 5.00 HIGHER, INSTANCES 10.00 HIGHER ON 30-40 LB. WEIGHTS. ALL PIGS WEIGHED ON ARRIVAL AND SOLD BY THE HUNDRED WEIGHT.

US#1-2: 66 HEAD 31-37 LBS. 110.00-122.00; 113 HEAD 42-43 LBS. 86.00-96.00; 50 HEAD 48-49 LBS. 80.00-85.00; 129 HEAD 50-58 LBS. 80.00-84.00; 45 HEAD 60-65 LBS. 81.00-83.00.

US#2: 97 HEAD 35-39 LBS. 102.00-104.00; 51 HEAD 53-55 LBS. 72.00-80.00; 84 HEAD 61-67 LBS. 75.00-78.00; 11 HEAD 70-88 LBS. 51.00-53.00.

US#2-3: 49 HEAD 33-37 LBS. 85.00-100.00; 58 HEAD 41-43 LBS. 80.00-83.00; 11 HEAD 57-64 LBS. 60.00-67.00; 11 HEAD 76 LBS. 49.00.

SLAUGHTER: 10 HEAD 19-22 LBS. 200.00-204.00; 94 HEAD 24-29 LBS. 115.00-135.00.

St. Louis Cattle, Hogs

Thursday, December 9, 1993

OPENING MID-SESSION WEEKLY CLOSE.

CATTLE & CALVES: 650 (0 SLTR, 650 FDRS) RECEIPTS CONSISTS OF FEEDER CATTLE AND SLAUGHTER COWS AND BULLS FOR THE REGULAR THURSDAY AUCTION. NO SLAUGHTER CATTLE MARKET.

SLAUGHTER CLASSES: COWS: CUTT, UTIL, COMM BULK SALES HI-DRESS % LO-DRESS % BREAKING 2-4 38.00-41.00 BONING 1-2 41.00-43.00 43.00 LOW TO AVG. CUTTER 38.00-41.00.

RECEIPTS THIS WEEK 1,500: WEEK AGO 1,600: YEAR AGO 1,100: COMPARED WITH LAST WEEK'S TERMINAL MARKET CLOSE, SLAUGHTER STEERS AND HEIFERS FULLY .50 LOWER, EXCEPT HOLSTEIN STEERS 1.00 LOWER. COWS FULLY 3.00-4.00 LOWER. TOO FEW BULLS TO ESTABLISH A MARKT. SUPPLY MAINLY CHOICE AND MIXED SELECT AND CHOICE STEERS AND HEIFERS, VERY LIGHT SUPPLY HOLSTIN STEERS, AROUND 20% COWS.

Kirkwood Hay Auction

Kirkwood, Pa.
Tuesday, December 7, 1993
Report Supplied by Auction

63 LOADS OF HAY.

MIXED HAY: 1ST CUTTING 89.00-131.00, 2ND 106.00-125.00.

TIMOTHY: 92.00-140.00.

ALFALFA: 1ST CUTTING 88.00-112.00, 2ND CUTTING 76.00-123.00, 3RD CUTTING 73.00-136.00, 4TH CUTTING 105.00-120.00.

CLOVER: 82.00-142.00.
GRASS: 59.00-115.00.
WHEAT STRAW: 87.00-116.00.
BARLEY STRAW: 130.00.
RYE STRAW: 78.00-111.00.
OATS: 1.87 BU.
CORN: 90.00.
WOOD: 50.00 PICK-UP LOAD.
SALE TIME 11 A.M.

New Holland Hog Auction

Lancaster, Pa.
Monday, December 6, 1993

Hog Receipts

Today	1357
Last Monday	726
Last Year	1156

TREND: Compared to last Monday barrows and gilts 50-1.00 lower, instances 1.50 lower.

BARROWS AND GILTS: US 1-2 210-250 lb 39.00-40.00, 290-210 lb 37.00-38.50.

US 1 215-245 lb 41.50-42.50.

US 1-3 210-260 lb 38.50-39.00, 265-295 lb 37.00-38.50.

Indiana Hogs

Louisville, Kentucky
Wednesday, December 8, 1993

LIVESTOCK AND SEED DIVISION L6.00-39.00.

SOWS: UNDER 500 LBS. 1.00 LOWER, OVER 500 LBS. STEADY TO WEAK.

US 1-3 300-500 LBS. 25.00-30.00, 500-650 LBS. 30.00-32.00.

PRELIMINARY ESTIMATE: 25,500.

***RECEIPTS HAVE CHANGED DUE TO CHANGE IN REPORTING BASE.

Belleville Livestock Auction

Belleville, Pa.
Wednesday, December 8, 1993
Report Supplied by Auction

CATTLE 230.. Supplied by the auction. COWS: Breaking Utility and Commercial 44.75-47.50, couple to 50.00, Cutter and Boning Utility 42.85-46.00, Canner and low Cutter 40.00-43.00. Shells down to 31.00. BULLS: Yield Grade No. 2 47.50-53.00. FEEDER CATTLE: Heifers: 55.00-62.00; Bulls: 47.00-52.75.

CALVES 110..FARM CALVES: No. 1 Helstein bulls 95/105 lbs. 125.00-157.50, No. 2 80/120 lbs. 80.00-130.00; No. 1 Holstein heifers 90/100 lbs. 160.00-172.50, No. 2 80/90 lbs. 130.00-160.00.

HOGS 189..BARROWS AND GILTS: US 1-2 230/260 lbs. 39.75-40.50, US No. 1-3 200/280 lbs. 35.00-39.60. SOWS: US No. 1-3 300/500 lbs. 26.50-29.75, over 500 lbs. 29.85-31.50, US No. 2-3 300/500 lbs. 24.00-27.00, Medium 29.85-31.50.

FEEDER PIGS 137...US No. 1-3 20/30 lbs. 15.00-28.00, 30/40 lbs. 28.00-37.50. --- all per head.

SHEEP 48..Wooled sl. lambs: High Choice and Prime 80/100 lbs. 70.00-74.00, Choice 60/80 lbs. 75.00-89.00, Good and Choice 45/60 lbs. 80.00-95.00, lot 107.50. Slaughter sheep: 24.00-31.00.

GOATS 5..Large 60.00-75.00, Medium 45.00-60.00, Small 35.00-45.00.-- per head.

KIRKWOOD HAY AUCTION
Hay, Straw and Grain Auction
EVERY TUESDAY
11:00
Located Rt. 472 5 miles south of Quarryville or 6 miles north of Oxford corner of Rt. 472 and Noble Road.

Lloyd H. Kreider, Auctioneer
AU-000513L
No out of state checks

Hay & Grain Markets

Frederick Co. Hay

Buckeystown, Md.
Thursday, December 9, 1993
Report Supplied by Auction

27 LOADS. MARKET STEADY ON GOOD QUALITY; LOWER ON POOR QUALITY.

ALFALFA: FANCY 140.00, FAIR TO GOOD 95.00-110.00, FAIR 75.00.

ALFALFA MIX: FAIR TO GOOD 77.00-105.00.

TIMOTHY: FANCY 130.00, FAIR TO GOOD 90.00-100.00, DARK 60.00-70.00, BIG BALES 10.00-14.00 EACH.

MIXED HAY: FAIR TO GOOD 77.00-105.00, DARK 50.00-60.00.

GRASS HAY: GOOD 105.00-110.00.
CLOVER HAY: GOOD 95.00.
STRAW: DARK 45.00.
FIREWOOD: GOOD 87.00-90.00 CORD.

Greencastle Livestock Market Report Supplied by Auction

Hay & Straw
December 2 and 6, 1993

43 LOADS.

ALFALFA: GOOD 100.00-120.00, FAIR 80.00-95.00.

ALFALFA MIXED: 121.00.
TIMOTHY HAY: 92.50-120.00.
MIXED HAY: 75.00-101.00.
ORCHARD GRASS: 50.00-105.00.
BROME GRASS: 81.00-95.00.
MULCH HAY: 47.00-56.00.
APPLE PUMACE: 8.00 TON.
WHEAT STRAW: 67.00.

Leinbach's Hay

Shippensburg, PA
December 4 and 7
Report Supplied by Auction

58 LOADS.

ALFALFA: GOOD 95.00-120.00, FAIR 70.00-90.00.

MIXED HAY: 67.00-119.00.
TIMOTHY: 80.00-105.00.
CLOVER: 90.00-105.00.
BROME GRASS: 82.00-102.00.
ORCHARD GRASS: 65.00-100.00.
STRAW: 87.00-110.00.
EAR CORN: 95.00-98.00.
OATS: 1.90 BU.
WOOD: 40.00-45.00 PICK-UP LOAD.

Regional Hay

December 6, 1993
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER. PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY AND STRAW FULLY STEADY.

ALFALFA 90.00-120.00; MIXED HAY 90.00-110.00, FEW REPORTED 75.00; TIMOTHY HAY 90.00-120.00, FEW REPORTED 75.00; STRAW 65.00-95.00; MULCH 30.00-50.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 12/3/93. PRICES PER TON: LOADS: 256 HAY, 62 STRAW & 11 EAR CORN.

ALFALFA 85.00-145.00; MIXED HAY 82.00-152.00; TIMOTHY HAY 95.00-147.00; STRAW 88.00-127.00; EAR CORN 90.00-110.00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 12/3/93. PRICES PER TON: LOADS: 127 HAY, 10 STRAW & 10 EAR CORN.

ALFALFA 75.00-125.00; MIXED HAY 60.00-117.50; TIMOTHY 77.00-120.00; STRAW 100.00-115.00; EAR CORN 75.00-95.00.

Green Dragon Hay

Ephrata, Pa.
Friday, December 3, 1993
Report Supplied by Auction

TOTAL LOADS: 119.
MIXED HAY: 56.00-175.00.
ALFALFA: 50.00-142.00.
TIMOTHY: 89.00-140.00.
ORCHARD GRASS: 65.00-125.00.
STRAW: 91.00-127.00.
EAR CORN: 96.00-103.00.
STUBBLE: 117.00.
FIREWOOD: 1 LOAD AT 130.00 LOAD.
OATS: 1.95-2.25 BU.

Keister's Hay

Middleburg, PA
December 7, 1993
Report supplied by auction

65 LOADS, 40 LOADS OF HAY.
ALFALFA: 105.00-135.00.
MIXED HAY: 80.00-135.00.
TIMOTHY: 100.00-110.00.
STRAW: 10 LOADS, 105.00-120.00.
EAR CORN: 6 LOADS, OLD 85.00-120.00, NEW 85.00-100.00.
OATS: 2.10-2.45 BU.
FIREPLACE WOOD: 25.00-55.00 LOAD.

North Jersey Market

Hackettstown, N.J.
Report Supplied by Auction
Tuesday, December 7, 1993
Hay—Straw & Grain Report

ALFALFA: 4 LOTS, 2.10-2.90 BALE.
MIXED HAY: 6 LOTS, 1.90-2.70 BALE.
TIMOTHY: 4 LOADS, 2.30-2.50 BALE.
GRASS HAY: 4 LOTS, 2.20-2.90 BALE.
WHEAT STRAW: 2 LOTS, 1.50 AND 2.10 BALE.
SOYBEAN STRAW: 1 LOT AT 1.50.
SHELLED CORN: 2 LOTS, 7.50 AND 8.00 BAG.
OATS: 1 LOT AT 6.75 BAG.
TOTAL: 24 LOTS.

Westminster Hay

Westminster, Md.
Tuesday, December 7, 1993
Report Supplied by Auction

ALFALFA: 115.00-167.00, 1.75-2.70 BALE, 20.00-25.00 LARGE ROUND.
TIMOTHY: 115.00, 1.70-2.50 BALE, 14.00-23.00 LARGE ROUND.
MIXED HAY: 1.00-3.00 BALE.
CLOVER: 1.30 BALE.
GRASS: .80-2.00 BALE, 14.00-26.00 LARGE ROUND.
STRAW: .50-2.20 BALE.
WOOD: 55.00-77.00 CORD.

Vintage Hay

Paradise, PA
Thurs., December 9, 1993
Report Supplied by Auction

21 LOADS.
ALFALFA: 95.00-115.00.
MIXED HAY: 90.00-126.00.
TIMOTHY: 80.00-123.00.
GRASS: 70.00-79.00.
STRAW: 95.00.
CORN FODDER: 60.00.
SALE TIME 1 P.M.

Dewart Hay

Dewart, PA.
Monday, December 6, 1993
Report Supplied by Auction

23 LOADS OF HAY, 60.00-137.50.
STRAW: 4 LOADS, 45.00-95.00.
WOOD: 11 LOADS, 25.00-78.00 LOAD.
CORN: 4 LOADS, 68.00-80.00.
OATS: 3 LOADS AT 2.25-2.55 BU.

PENNFIELD GRAIN BANK

Pennfield Offers A Sound Program For The Dairy Farmer To Use His Grain "Same As Cash" To Reduce His Monthly Feed Bill, And To Avoid Having To Take "Harvest Price" For His Grain

Prices Week Of 12/13/93
Corn $3.34 Bu.
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Barley $2.58 Bu.

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- No Hidden Charges
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For every ton of dairy feed purchased you will receive one ton of grain back hauled at no charge.

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Lancaster Farming

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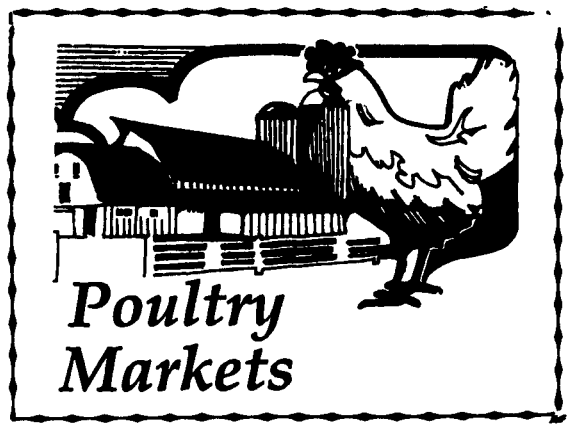

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Heinsey's Poultry

Roots, East Petersburg
Tuesday, December 7, 1993

PRICES PAID PER POUND, EXCEPT AS NOTED RANGE:

Muscovy Ducks - Drakes .70 - .92.
Muscovy Ducks - Hens .80 - .88.
Pekin Ducks .40 - .56.
Red Fowl 4-4.5 .40 - .54, Red Fowl 5-6 .60 - .92.
Crossbred Fowl 5-9 .40 - .64.
Crossbred Roosters 4-6 .40 - .84, Crossbred Roosters 7-11 .40 - .78.
Guinea Fowl .65 - 1.20.
Banty Roosters 2.00 - 4.75 ea.
Banty Hens 1.00 - 2.75 ea.
Leghorn Hens .12 - .24.
Silkies 3.00 - 4.75 ea.
Geese 9-12 .20 - .32.
Pigeons 1.25 - 1.85 ea.
White Pigeons 2.00 - 2.75 ea.
Rabbits 4-6 .90 - 1.26, Rabbits 7-11 .80 - 1.10.
Bunnies 1.00 - 3.50 ea.
Guinea Pigs 1.00 - 3.50 ea.
Goats 30.00 - 45.00 ea.
Doves 2.50 - 4.00 ea.
Pullets 4-6 .40 - .54.
Total Coops Sold 694.

Philadelphia Eggs

Thursday, December 9, 1993
Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT WAS FULLY STEADY TO FIRM. DEMAND CONTINUED GENERALLY GOOD. SUPPLIES WERE USUALLY ADEQUATE. SOME INTERDEALER INQUIRY FOR CURRENT TRADING WENT UNFILLED PARTICULARLY DUE TO SELLERS HOLDING EGGS WITH CONFIDENCE AND HIGHER ASKING PRICES. A EXTRA LARGE .65-.70, A LARGE .63-.68, A MEDIUM .54-.57.

N.E. Weekly Shell Egg Report

December 7
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
MAINE	1.04	.97	.81	.49
N. HAMP.	.97-1.01	.90-.94	.74-.78	.42-.46
MOSTLY	.99-1.00	.92-.93	.76-.77	.44-.45
RHODE ISLAND	1.00-1.04	.93-.97	.77-.81	.45-.49
MOSTLY	1.04	.93	.77	.45
VERMONT	1.05-1.07	1.00	.84-.85	
MOSTLY	1.07		.84	

New York Egg Market

Wednesday, December 8, 1993

Prices were unchanged. Trade sentiment was steady. Demand was good. Supplies were generally adequate or available.

PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN RANGE EXTRA LARGE .67-.69, LARGE .64-.67, MEDIUM .55-.58.

CURRENT NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA BRANDED U.S. GRADE A RANGE 44-62 WEIGHTED AVERAGE 51.42 NO. OF BOXES 10,719 *7 of 9 plants reporting.

Delmarva Broiler/Fryer Market

Wednesday, December 8, 1993

Movement of ready-to-cook whole birds was about moderate. Seller offerings ranged adequate to fully adequate. Live supplies were moderate; weights were desirable, occasionally light. Processing schedules varied, but remained very heavy in total. Less than trucklot asking prices were unchanged at 50 to 62 cents. Trade sentiment was steady. In the parts complex, wings were short of an active call. Legs and leg quarters were adequate, instances tight. Drums and thighs were in fairly good balance. Bone-in breasts were generally easy to place. Boneless skinless breasts remained fully adequate, but in better balance than yesterday.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL AVG. WEIGHT ACTUAL AVG. WEIGHT
12/08 12/06 12/06 12/01 11/29 2,308 2,227
4.76 2,331 4.77 *BROILER/FRYER

New England Shell Eggs

Wednesday, December 8, 1993

NEW ENGLAND: Prices were unchanged. Trade sentiment was steady to full steady. Demand was moderate, as traders were continuing to build inventories. Although traders reported that there were lots of eggs available, most thought it was a normal situation for this time of the year.

PRICES PAID TO PRODUCERS, CASES EXCHANGED, GRADE YIELD BASIS, BROWN EGGS LOOSE, AT FARM, CENTS PER DOZEN.
2.5.

RANGE JUMBO .73-.76, EXTRA LARGE .71-.74, LARGE .64-.67, MEDIUM .48-.51, SMALL .16-.19.

BOSTON: PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, BROWN EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN.

RANGE EXTRA LARGE .90-.92, LARGE .83-.85, MEDIUM .67-.69.

Weekly New York Egg Market Northeast Quotes

From Fri., December 3 to Wed., December 9

	FRI.	MON.	TUES.	WED.	
WHITE					
JUMBO	.77	.77	.77	.77	.80
EX. LARGE	.75	.75	.75	.75	.78
LARGE	.69	.69	.69	.69	.72
MEDIUM	.60	.60	.60	.60	.62
PULLETS	.45	.45	.45	.45	.47
OFF GRADE	.57	.57	.57	.57	.60
BROWN					
EXTRA LARGE	.82	.82	.82	.82	.82
LARGE	.78	.78	.78	.78	.78
MEDIUM	.61	.61	.61	.61	.61
OFF GRADE					
UNDERGRADES					
AND CHECKS	.25	.25	.25	.25	.26

BREAKING STOCKS: FRI. 42-44 LBS. 32.00-34.00, 48-50 LBS. 38.00-40.00, 50 LBS. AND UP 40.00-41.00; THURS. 42-44 LBS. 33.00-35.00, 48-50 LBS. 39.00-41.00, 50 LBS. AND UP 41.00-42.00.

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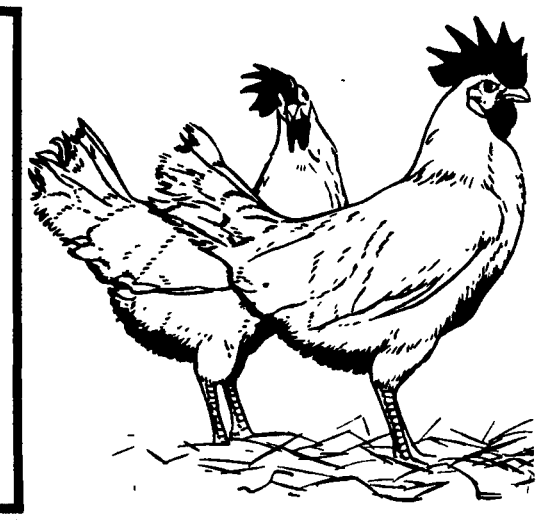

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National Grain Market

St. Joseph, Mo.

Wednesday, December 8, 1993

DAILY NATIONAL GRAIN SUMMARY WEDNESDAY'S WHEAT PRICES JUMPED SLIGHTLY HIGHER ON VERY GOOD EXPORT DEMAND AND IDEAS USDA WILL LOWER ENDING STOCKS FIGURE THIS WEEK. CORN AND SOYBEAN PRICES RECEIVED MODERATE SUPPORT FROM IMPROVED EXPORT INTERESTS, INCREASED DOMESTIC DEMAND FOR CORN, AND COMMERCIAL BUYING ON THE BOARD. WHEAT 1 TO 3 CENTS HIGHER EXCEPT ST LOUIS DOWN 2 CENTS. CORN 1 TO 2 CENTS HIGHER. SORGHUM 3 TO 5 CENTS HIGHER. SOYBEANS 1 TO 3 CENTS HIGHER. WHEAT PRICES CONTINUED TO CLIMB ON VERY GOOD EXPORT SALES THIS WEEK WITH THE PHILIPPINES AND FORMER USSR BIG BUYERS. USDA'S SUPPLY/DEMAND REPORT IS DUE THURSDAY AND TRADERS EXPECT THE 93/94 CROP YEAR ENDING STOCKS FIGURE TO BE LOWERED IN REACTION TO INCREASED EXPORT DEMAND UP UNTIL NOW FOR WHEAT. KANSAS CITY WHEAT IS AROUND 50 CENTS HIGHER THAN A YEAR AGO BUT MINNEAPOLIS SPRING WHEAT IS SUBSTANTIALLY HIGHER DUE TO POOR MILLING QUALITY WHEAT BEING SOLD. SLIGHTLY HIGHER CORN PRICES WERE INFLUENCED BY IMPROVED EXPORT OUTLOOK FOR U.S. CORN WITH REPORTS BRAZIL WILL SOON TENDER FOR 300,000 TONNES. GOOD DOMESTIC DEMAND FOR CORN HAS BEEN NOTED AS THE NUMBER OF CATTLE ON FEED AND INCREASED POULTRY NUMBERS ARE UP IN RECENT WEEKS. SOME FARMER SELLING HAS LIMITED PRICE GAINS. SOYBEAN PRICES UP SLIGHTLY DUE TO COMMERCIAL BUYING ON THE BOARD AND GOOD FOREIGN DEMAND. LIGHT FARMER SELLING OF BEANS ALSO UNDERMINED BEAN PRICES.

EXPORT NEWS: THE USDA ACCEPTED EIGHT BIDS TO SELL 185,295 TONNES OF NORTHERN/DARK NORTHERN SPRING WHEAT AND 81,705 TONNES WESTERN WHITE WHEAT TO THE PHILIPPINES UNDER EEP FOR JAN/MAR SHIPMENT. THE PHILIPPINES BOUGHT 75,245 TONNES HARD RED SPRING WHEAT AND 29,755 WHITE WHEAT FOR 93/94 MARKETING YEAR. UZBEKISTAN BOUGHT 100,000 METRIC TONS HARD RED WINTER WHAT FOR 93/94 MARKETING YEAR. THE SALE OF 100,000 METRIC TONS OF HARD RED WINTER WHEAT TO UNKNOWN DESTINATION FOR 93/94 MARKETING YEAR WERE REPORTED. PURCHASES FROM FOREIGN SELLERS FOR 100,000 METRIC TONS HARD RED WINTER WHEAT TO UNKNOWN DESTINATION FOR 93/94. THE USDA ACCEPTED THREE BIDS TO SELL 11,700 TONNES HARD RED WINTER WHEAT AND 4,680 TONNES NORTHERN/DARK NORTHERN SPRING WHEAT TO MEXICO UNDER EEP FOR DEC/JAN SHIPMENT. THE USDA ACCEPTED ONE BID TO SELL 50,000. TONNES HARD RED WINTER WHEAT TO EGYPT UNDER EEP FOR DECEMBER. THE USDA ACCEPTED ONE BID TO SELL 100,000 TONNES HARD RED WINTER WHEAT TO THE FORMER SOVIET UNION UNDER EEP FOR JAN/MAY SHIPMENT. THE USDA HAS ACCEPTED ONE BID TO SELL 1,000 TONNES OF SUNOIL TO MEXICO UNDER THE SUNFLOWERSEED OIL ASSISTANCE PROGRAM FOR FEB/APR SHIPMENT. RUSSIA BOUGHT APPROXIMATELY 120,000 TONNES SOYMEAL FOR DECEMBER SHIPMENT.

DATE CHANGE YEAR AGO TRUCK BIDS: 12/08/93 12/07/93 12/09/92 WHEAT: KANSAS CITY 3.97-4.00 UP 2 3.72-3.74 MINNEAPOLIS TRUCK BID MAR 5.33 1/2 UP 3 3.86 3/4 PORTLAND 3.61-3.64 UP 1-3 4.22-4.25 ST. LOUIS 3.51-3.55 DN 2 3.70-3.73.

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.97-3.00 UP 2 2.12-2. 16 MINNEAPOLIS 2.75 1/2 UP 1 3/4 2.02 SO. IOWA 2.96-2.99 UP 1 2.10-2.13 OMAHA 2.84-2.86 UP 2 1.96-1.99.

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 6.88-6.91 UP 2-3 5.68-5.69 MINNEAPOLIS 6.66 3/4 UP 1 3/4 5.46 1/4 SO. IOWA 6.93-6.98 UP 2-1 5.60-5.61 1/2 C. ILL. PROCESSORS 6.85 3/4-6.95 3/4 UP 1 3/4-3 3/4 5.64 1/4-5.77 1/4.

*TRUCK BIDS FOR KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (MAR) WHEAT 3.69 1/2 UP 2 3.50 1/4 MINNEAPOLIS (MAR) WHEAT 3.88 1/2 UP 3 3.36 3/4 CHICAGO (DEC) WHEAT 3.63 DN 1 3.59 1/4 (MAR) CORN 2.96 1/2 UP 1 3/4 2.19 (JAN) SOYBEANS 6.85 3/4 UP 1 3/4 5.67 1/4.

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 4.25 1/2-4.26 1/2 UP 3 4.01 1/4-4.02 1/4 NO. 2 SOFT RED WINTER WHEAT 3.83-3.84 NC 3.97-3.99 1/4 NO. 2 YELLOW CORN 3.07 1/2-3.08 1/2 UP 1/2-DN 1/2 2.40-2.40 1/2 NO. 2 YELLOW SORGHUM RAIL 5.47 UP 3 BARGE 5.46 NC 4.34-4.38 NO. 2 YELLOW SOYBEANS 7.12-7.13 UP 1/2-1 5.95-5.96.

BIRD THIS REPORT A SERVICE OF U.S. DEPARTMENT OF AGRICULTURE, LIVESTOCK AND GRAIN MARKET NEWS, ST. JOSEPH, MISSOURI.

Northeast Chicken Parts

Wednesday, December 8, 1993

Trucklot buying interest was fair to instances fairly good and better than expected for mid-week. Supplies of boneless skinless breasts with tenders were in close balance to short of covering buyer inquiries for immediate needs. Breast cutlets without tenders were available, offered at competitive prices, and slow to clear. Line run breasts for making retail product was adequate while product used for portion control items were in close balance. Asking prices trended higher and the undertone was firm for immediate delivery but unsettled for next week. Dark meat items were well cleared. Wings were tight and prices were firm.

PRICES PAID PER POUND, ICE PACKED AND CO2 PACKED BROILER/FRYER PARTS, DELIVERED TO FIRST RECEIVERS IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES. ITEM CURRENT NEGOTIATED TRADING* BREAST - B/S (W & W/O TENDERS) 185 BREAST - WITH RIBS 81-82 BREAST - LINE RUN 81 LEGS 40-41 LEG QUARTERS (BULK) 30-31 DRUMSTICKS 31-32 THIGHS 35-36 WINGS (WHOLE) 50-51 BACKS AND NECKS (STRIPPED) 10-12 LIVERS (5 POUND TUBS) 35-40 GIZZARDS (HEARTS) 40 INCLUDES NEW YORK CITY METROPOLITAN AREA, NORTHERN NEW JERSEY, MASSACHUSETTS, CONNECTICUT, RHODE ISLAND, AND PENNSYLVANIA (NORTHEAST OF HARRISBURG). * TODAY'S NEGOTIATED SALES AS OF 11:30 A.M.

Pa. Grain

Monday, December 6, 1993

Report supplied by PDA

COMPARED WITH THE MARKET FOR LAST MONDAY, FOR SOUTHEASTERN, CENTRAL, AND SOUTH CENTRAL PA: CORN STEADY TO .10 HIGHER; WHEAT STEADY TO .12 HIGHER; BARLEY UNEVEN, MOSTLY STEADY TO .10 HIGHER; OATS MOSTLY STEADY; SOYBEANS MOSTLY STEADY TO .07 LOWER; NEW EAR CORN STEADY TO 5.00 HIGHER.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.90-3.33, AVERAGE 3.14; @WHEAT NO. 2 RANGE 3.48-3.91, AVERAGE 3.65, CONTRACT FOR HARVEST 3.09-3.29; BARLEY NO. 3 RANGE 2.10-2.40, AVERAGE 2.23, CONTRACT FOR HARVEST 1.90-1.95; OATS NO. 2 RANGE 1.50-1.75, AVERAGE 1.65; SOYBEANS NO. 1 RANGE 6.40-6.67, AVERAGE 6.55; FEW REPORTED GR. SORGHUM #2 RANGE 2.68, AVERAGE 2.68; FEW REPORTED NEW EAR CORN RANGE 72.00-85.00, AVERAGE 77.93.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.95-3.20, AVERAGE 3.04; @WHEAT NO. 2 RANGE 2.85-3.60, AVERAGE 3.23; BARLEY NO. 3 RANGE 1.70-2.25, AVERAGE 1.98; OATS NO. 2 RANGE 1.50-1.80, AVERAGE 1.67; SOYBEANS NO. 1 RANGE 6.35-6.60, FEW REPORTED 6.00, AVERAGE 6.37; FEW REPORTED OLD EAR CORN RANGE 65.00-80.00; AVERAGE 73.33; FEW REPORTED NEW EAR CORN RANGE 60.00-70.00, FEW REPORTED 80.00, AVERAGE 67.86.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.85-3.33, AVERAGE 3.08; @WHEAT NO. 2 RANGE 3.00-3.91; AVERAGE 3.47; BARLEY NO. 3 RANGE 1.70-2.40, AVERAGE 2.10; OATS NO. 2 RANGE 1.50-1.85, AVERAGE 1.66; SOYBEANS NO. 1 RANGE 6.20-6.67, AVERAGE 6.46; FEW REPORTED NEW EAR CORN RANGE 60.00-80.00, AVERAGE 72.59.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.80-3.10, AVERAGE 3.00; @WHEAT NO. 2 RANGE 3.00-3.64, FEW REPORTED 3.80, AVERAGE 3.33; BARLEY NO. 3 RANGE 2.00-2.30, FEW REPORTED 1.70, AVERAGE 2.00; OATS NO. 2 RANGE 1.50-1.85, AVERAGE 1.67; SOYBEANS NO. 1 RANGE 6.20-6.50, AVERAGE 6.37; FEW REPORTED OLD EAR CORN RANGE 70.00-85.00; AVERAGE 73.60; FEW REPORTED NEW EAR CORN RANGE 57.00-75.00, AVERAGE 65.67.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.45-3.00, AVERAGE 2.73; @WHEAT NO. 2 RANGE 3.10-3.40, AVERAGE 3.27; BARLEY NO. 3 RANGE 2.00, AVERAGE 2.00; OATS NO. 2 RANGE 1.10-1.90, MOSTLY 1.40-1.65, AVERAGE 1.53; SOYBEANS NO. 1, RANGE 6.25-6.33, AVERAGE 6.29; FEW REPORTED PER HUNDREDWEIGHT RECLEANED 15% BUCKWHEAT RANGE 8.30, AVERAGE 8.30; FEW REPORTED OLD EAR CORN RANGE 60.50-65.00, AVERAGE 62.75.

MONTH AGO

CORN NO. 2-Y 2.82; @WHEAT NO. 2 3.22; BARLEY NO. 3 1.88; OATS NO. 2 1.59; SOYBEANS NO. 1 6.10; FEW REPORTED NEW EAR CORN 59.68.

YEAR AGO

CORN NO. 2-Y 2.21; @WHEAT NO. 2 3.40; BARLEY NO. 3 1.73; OATS NO. 2 1.47; SOYBEANS NO. 1 5.33; FEW REPORTED NEW EAR CORN 52.04.

Diffenbach Auction Center

New Holland, Pa.

Monday, December 6, 1993

Report Supplied by Auction

TOTAL LOADS: 133.
ALFALFA: 87.00-140.00.
MIXED HAY: 75.00-180.00.
TIMOTHY: 92.00-150.00.
BROMEGRASS: 102.00.
ORCHARD GRASS: 90.00-105.00.
STRAW: 102.00-160.00.
EAR CORN: 97.00-106.00.
OATS: 2.40-2.55.

Kutztown Produce Auction Hay Auction

Report Supplied by Auction

Saturday, December 4, 1993

TOTAL LOADS: 16.
WHEAT STRAW: 100.00-101.00 TON.
ALFALFA HAY: 102.00-120.00.
MIXED HAY: 81.00-120.00.
NO HAY OR STRAW AUCTION ON DEC. 25 OR JANUARY 1.
SALE TIME 9 A.M. SAT.

Good's Hay

Leola, Pa.

Wed., December 8, 1993

Report Supplied by Auction

TOTAL LOADS: 134.
MIXED HAY: 60.00-130.00.
TIMOTHY: 62.00-140.00.
STRAW: 90.00-137.00.
ALFALFA: 75.00-137.00.
GRASS: 40.00-125.00.
CORN: 75.00-90.00.
CLOVER: 72.00-90.00.
OATS: 1.75-2.10 BU.

Belleville Hay

Wednesday, December 8

Belleville, PA

Report Supplied by Auction

63 LOADS OF HAY.
ALFALFA: 60.00-145.00.
MIXED HAY: 40.00-125.00.
STRAW: 3 LOADS, 100.00-127.50.
EAR CORN: 1 LOAD AT 85.00.
OATS: 3 LOADS, 2.30-2.50 BU.

New York & Phila. Frozen Egg Report

Tuesday, December 7, 1993

The market tone was about steady and cautious. Traders were hesitant to make commitments while closely watching for further market developments. Raw materials usually satisfied processors needs. Floor stocks were in good balance for current dealers needs.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) TRUCKLOTS LTL (MIN. 25 CONT.) RANGE MOSTLY RANGE WHOLE 47-50 48-49 51-60 BLEND (/) -- 59-69 WHITES 37-40 38-39 41-49 SUGARED YOLKS (MIN 43% SOLIDS) 58-61 59-60 62-68 SALTED YOLKS (MIN 43% SOLIDS) 55-58 56-57 59-65 (/) - WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

NOTICE TO MY TOBACCO FARMER FRIENDS

If you feel the price is right and you are ready to market your tobacco, or some of it, we will be buying at my warehouse across the street from the auction.

Receiving days are Monday, Wednesday & Friday from 8 to 10 a.m. and Tuesday & Thursday form 8 a.m. to 3 p.m.

Buyer: Donald Rohrer Eves. 717-687-6802
Buyer: Bill Macon Eves. 215-593-5950

SOUTHBOAT LEAF TOBACCO

661 Vintage Rd. Christiana, PA 17509
24 Meadow Ln, PO Box 192 Paradise, PA 17562

Answering Service - 215-593-6729

HAY, STRAW & GRAIN SALE

Every Thursday at 1 p.m.

Auction will continue all year long

Vintage Sales Stables, Inc.

(Rt. 30, 10 miles east of Lancaster in Paradise, PA)

For Info.
717-442-4181 business
215-458-8518 home

L. Robert Frame, Sr. president
Glenn S. Frame Mgr.

Coming...

Binkley & Hurst Bros., Inc. Annual

DISCOUNT CASH & CARRY DAYS

Starting Monday, December 20th, 1993 Thru Saturday, January 8th, 1994

BIG SAVINGS ON PARTS

Year End Discount Machinery & Tractor Deals Are In Effect Now As You Read This Ad! See Last Week's Ad Plus Check Dec. 18th Issue For More Coming, Plus Full Details On Parts Discount Specials!

Note: New Machinery With Factory Rebates And Low Rate Financing Expire Dec. 31, 1993

COME IN NOW AND GET A SUPER DEAL ON ALL NEW & USED FARM & CONSTRUCTION EQUIPMENT NOW!

BINKLEY & HURST BROS. INC.

133 Rothsville Station Rd.
Litlz, PA 17543
(717) 626-4705
1-800-IT-PAYS U

After Hours Emergency Parts Call:
(717) 626-0885
(717) 626-5159
(717) 859-8768

MasterCard DISCOVER Farm Plan. A Service of FPC Financial

BOYDELL FARMS

302 Iona Road, Lebanon, PA 17042
Phone: 717-272-8943

DISTRIBUTORS FOR: SILO QUEEN

2339 - 2390 - 2517 - 2518

North Coast Seed Corn

NEW

- 502 - 109 Day
- 2307 - 107 Day
- 2400 - 110 Day
- 2525 - 117 Day

LAST YEAR'S PRICE LESS $10.00

SOYBEANS

STINE SOYBEAN SEEDS NC

3090E 354-284-Shore
Resnick - Pella

TIMOTHY, TORO and CLIMAX TIMOTHY

ALFALFA

84 VWAP VERNAL
Wetfoot Erie

OATS

Noble Porter Ogle Hercules

Baler Twine - Fertilizer Next Pay Discount Dec 22

WHOLESALE & RETAIL

Hackettstown Poultry & Egg

Hackettstown, N.J.
Report Supplied by Auction
Tuesday, December 7, 1993
Report Supplied by Auction

HEAVY FOWL .40-.85.
LEGHORN FOWL .25.
MIXED FOWL .60.
BANTAMS EACH .70-1.30.
BUNNIES EACH 4.00-7.50.
ROOSTERS .80-1.50.
GEESE: .30-.45.
TURKEYS 1.15-1.30.
DUCKS .30-1.20.
RABBITS .80-1.50.
PIGEONS 1.50-2.60.

WHITE EGGS: EXTRA LARGE & JUMBO .53-.76; LARGE .45-.67; MEDIUMS .43-.55.

BROWN EGGS: EXTRA LARGE & JUMBO .67-.85; LARGE .45-.69; MEDIUMS .38-.48; SMALL .33-.38.

Eastern PA & NJ Poultry Report

Atlanta, Ga.
Tuesday, December 7, 1993

Prices were about unchanged on light type fowl but sales were too few to report on heavy hens. Offerings were at least adequate and processing time has been booked to desired levels. Demand moderate. Undertone about steady.

LIGHT TYPE HENS CENTS PER LB., DAY OF NEGOTIATION, GENERALLY FOR SLAUGHTER WITHIN THE NEXT 10 DAYS.

RANGE MAJORITY AT FARM BUYER LOADING 2 CENTS/LB. FOB PLANT TOO FEW TO REPORT HEAVY TYPE HENS (7 POUNDS AND UP) * PRELIMINARY PRICE, CENTS PER LB., GENERALLY FOR SLAUGHTER THE WEEK OF 13-DEC-93 RANGE MAJORITY AT FARM BUYER LOADING TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT * WEIGHTS UNDER 7 LBS. SUBJECT TO DISCOUNT.

National Egg Market

Wednesday, December 8, 1993

NATIONAL EGG MARKET - AT A GLANCE: Prices were unchanged. The market tone was steady to fully steady Demand continued to be moderate to good Supplies were adequate or available, and extra eggs were generally offered or held with confidence. Breaking stock prices were generally unchanged to instances higher, and supplies were adequate for the moderate demand. Live hen offerings were adequate to fully adequate for the light to moderate demand, and the trade sentiment was steady at best.

Keister's Middleburg Auction

Middleburg, Pa.
Tuesday, December 7, 1993
Report Supplied by PDA

CATTLE 511.. PDA ..sl. steers mostly .50 to 1.50 lower; cows .25 to 1.00 lower. STEERS: Choice 1100/1400 lbs. 68.50-71.50, one 72.50, Select 64.00-68.00. HOLSTEINS: few Choice 1100/1400 lbs. 64.25-67.25, Select 59.00-63.50, few Standard 52.00-56.00. HEIFERS: Choice 1000/1400 lbs. 65.25-69.50, two head 70.00, two Choice Holsteins 63.50 & 65.00. COWS: Breaking Utility and Commercial 45.00-47.75, couple to 48.75, Cutter & Bon. Utility 44.25-48.00, couple to 49.00, one 51.75, Canner and Low Cutter 39.00-43.50. Shells down to 35.00. BULLS: Yield Grade No. 1 1020/1975 lbs. 54.00-64.50, few No. 2 1020/1350 lbs. 44.00-55.00. FEEDER CATTLE: Steers: few Medium Frame No. 1 370/690 lbs. 66.00-76.00, few Large Frame No. 2 780/915 lbs. Holsteins 49.00-55.00; Heifers: Medium Frame No. 1 400/750 lbs. 62.00-76.00.

CALVES 228...VEALERS: couple Choice 93.00 & 98.00, few Standard and Good 70/100 lbs. 55.00-67.50, few Utility 60/85 lbs. 45.00-55.00. RETURNED TO FARM: No. 1 Holstein bulls 90/130 lbs. 130.00-167.50, No. 2 80/125 lbs. 80.00-135.00; No. 1 Holstein heifers 90/115 lbs. 177.50-215.00, few No. 2 75/100 lbs. 80.00-140.00. Few Beef cross bulls and heifers 70/110 lbs. 175.00-200.00.

HOGS 642..(12/06 & 12/07/93)..BARROWS AND GILTS: US No. 1 230/250 lbs. 42.00-44.25, few 44.50, US 1-2 220/250 lbs. 38.50-41.50, US No. 2-3 210/295 lbs. 36.25-38.25, few 180/210 lbs. 35.00-37.00. SOWS: US 1-3 350/500 lbs. 26.50-30.75, few lightweights 285/310 lbs. 32.75-37.00. BOARS: 27.50-30.00.

FEEDER PIGS 406..US 1-3 15/20 lbs. 24.00-32.00, 30/45 lbs. 30.00-38.00, few 50/60 lbs. 40.00-45.00, Utility 40/60 lbs. 24.00-28.00. - all per head.

SHEEP 91..High Choice and Prime 35/60 lbs. New Crop lambs 115.00-180.00, Choice 45/65 lbs. Wooled sl. lambs 81.00-92.50, Good and Choice 85/105 lbs. 60.00-65.00. Slaughter sheep: 26.00-39.00.

GOATS 19...Few Large 50.00-74.00, few Medium 26.00-46.00.--- all per head.

Oklahoma City Feeder Cattle

Oklahoma City, Okla.
Wednesday, December 8, 1993

ATTENTION DODGE CITY ** OKLAHOMA NATIONAL STOCKYARDS WEEKLY CATTLE SUMMARY: Compared to last week: Feeder steers over 700 lbs. steady to $1.00 higher with good demand. Steer calves and all heifers unevenly steady to $2.00 lower with light to moderate demand. Buyers selective for kind. Quality of supply plain to average. Flesh condition of calves highly varied from thin thru moderately fleshy and not as attractive as last week. Yearling flesh slightly thin thru moderately fleshy but flesh due to wheat condition and not particularly detrimental. Weigh conditions average. Slaughter cows steady to $2.00 lower, most decline on Utility. Slaughter bulls steady to $1.00 lower. Packer demand light to moderate. Large supply of bred cows sold to good demand. Wheat pasture coming along nicely which has stimulated demand for all ages of bred cows. Receipts this week 10,780; last week 6,784; last year 6,956. Supply consisted of 51% yearlings and calves over 600 lbs.; 40% calves under 600 lbs.; and 9% cows and bulls. Prices follow with weighted average weight and price in parenthesis.

Feeder Steers: Medium and Large Frame 1: 250-300 lbs. (285 lbs.) $122.00-$131.00 ($125.36); 300-350 lbs. (327 lbs.) $118.00-$130.00 ($122.14); 350-400 lbs. (375 lbs.) $105.50-$117.50 ($109.55); 400-450 lbs. (428 lbs.) $102.00-$111.50 ($105.76); 450-500 lbs. (472 lbs.) $95.00-$104.00 ($99.48); 500-550 lbs. (523 lbs.) $89.50-$98.00 ($93.92); 550-600 lbs. (568 lbs.) $87.00-$93.00 ($89.43); 600-700 lb. (650 lbs.) calves $83.00-$88.75 ($84.00), yearlings $85.75-$90.00 ($88.25); 700-800 lb. (750 lbs.) yearlings $83.75- $87.75 ($86.21), 700-725 lb. calves (706 lbs.) $82.00-$84.75 ($83.35); 800-850 lbs. (819 lbs.) $80.25-$86.00 ($84.70); 850-900 lbs. (875 lbs.) $78.85-$83.00 ($80.96); 900-950 lbs. (922 lbs.) $78.25-$80.50 ($79.55). Holstein Steers: Large Frame 2: 300-350 lbs. (345 lbs.) $76.00-$85.00 ($81.00); 429 lbs. $78.00; 450-500 lbs. (480 lbs.) $70.25-$70.50 ($70.45); 500-550 lbs. (539 lbs.) $67.00-$71.00 ($70.17); 640-660 lbs. $66.00-$67.00; 700-750 lbs. (732 lbs.) $62.00-$67.00 ($64.25); 807 lbs. $62.10.

Feeder Heifers: Medium and Large Frame 1: 250-300 lbs. (279 lbs.) $108.50-$109.00 ($108.96); 300-350 lbs. (323 lbs.) $102.00-$106.50 ($105.69); 350-400 lbs. (384 lbs.) $93.75-$105.00 ($99.15); 400-450 lbs. (430 lbs.) $88.00-$95.00 ($92.22); 450-500 lbs. (478 lbs.) $83.75-$90.50 (86.59); 500-550 lbs. (520 lbs.) $83.00-$88.75 ($86.94); 550-600 lbs. (575 lbs.) $81.25-$86.50 ($83.58); 600-700 lbs. (650 lbs.) $78.00-$84.00 ($80.10); 700-800 lbs. (750 lbs.) $76.00-$81.50 ($78.60); 800-850 lbs. (819 lbs.) $73.75-$78.60 ($76.75).

Slaughter Cows: Cutter, Boning and Breaking Utility Y.G. 1-4 average dressing $41.75-$44.00, few Breakers down to $40.50; high dressing $45.25- $48.00; low dressing $39.00-$42.00. Canner and low Cutter $35.00-$38.75.

Slaughter Bulls: Y.G. 1 1150-2000 lbs. average dressing few $58.25-$60.50; high dressing/high boning $62.00-$63.00; low dressing or fleshy $50.75- $55.50.

Replacement Cows: Pre-tested for Bangs, pregnancy, and age Medium and Large Frame No. 1: High quality: Heifers 775-1000 lbs. 4-7 months bred $650.00-$775.00/head 5-6 year old 1050-1275 lbs. 4-7 months bred $700.00-$850.00/head Average quality: 4-8 year old 825-1225 lbs. 4-6 months bred $500.00-$650.00/head 9-10 year old 800-1150 lbs. 4-7 months bred $425.00-$565.00/head.

THIS REPORT COMPILED & PREPARED BY THE OKLAHOMA CITY LIVESTOCK & GRAIN MARKET NEWS BRANCH OF THE USDA'S AGRICULTURE MARKETING SERVICE. ROBERT MILES - TINA DOEBBLER TELEPHONE (405) 232-5425.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, December 6, 1993
Report Supplied By Auction

316 HEAD. MARKET STEADY.
WORK HORSES 835.00-1150.00.
DRIVING HORSES 565.00-925.00.
RIDING HORSES 485.00-930.00.
BETTER HORSES 1100.00-1400.00.
KILLERS FEW 930.00-1025.00;
LIGHTWEIGHT 490.00-680.00;
HEAVYWEIGHT 750.00-880.00.
PONIES: 155.00-285.00.
LARGE PONIES 380.00-435.00.
COLTS 165.00-475.00.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, December 7, 1993
Report Supplied by PDA

SALE NOT REPORTED DECEMBER 7, 1993; BUT HEADAGE IS AS FOLLOWS: CATTLE 113; CALVES 167; HOGS 113; FEEDER PIGS 0; SHEEP 3; GOATS 1!

Hay And Straw Sales Will Start At 10 A.M. Every Wed.

GOOD'S AUCTION
111 North Maple Ave.
Leola, PA 17540
717-656-8911
717-656-9554

Kiln Dried
WOOD SHAVINGS and SAWDUST

- Great for dairy or horses
- Delivered in trailer load lots
- Year round supply
- Reasonably priced

717-653-5935
J D Martin Inc
Mount Joy, PA

A & C Diffenbach Auction Inc.

100 West Jackson Street • Box 186 • New Holland, Pennsylvania 17557
Office: (717) 355-7253 • FAX: (717) 355-9547
HAY & GRAIN SALE EVERY MONDAY - 10:00 A.M.

MON.	JAN. 3	WHOLESALE FURNITURE	6:30 P.M.
WED.	JAN. 5	WINROSS & TOYS	6:30 P.M.
FRI.	JAN. 14	FARM EQUIP. TRACTORS & SUPPLIES	9:00 A.M.

EQUIPPED FOR AN AUCTION AT YOUR PLACE OR OURS
ALAN DIFFENBACH AUCT. - AU2258-L

Agricultural Producers

Today's ag-markets are extremely volatile and likely will remain that way for the balance of this marketing year.

Let us help...

- Cash Grain Merchandising
- Cash Feed Stuff Sales (including cottonseed and hominy)
- Grain Forward Pricing
- Livestock Forward Pricing
- Full Service Futures Brokerage
- Market Consulting
- Rail-to-truck Facilities at Palmyra & Greencastle

IN USA - 1-800-722-6246
LOCAL - 1-717-838-7050

PACMA INC.

NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION

LIVESTOCK IS OUR ONLY BUSINESS

MONDAY

SLAUGHTER HOGS
EARLY BIRD HOG SALE
7:30 A.M.
Sell Your Hogs At New Holland Sales Stables, Inc. See them weighed, sold and pickup your check.

10:00 A.M.
HORSES
MULES

1:30 P.M.
BEEF SALE
SHEEP
GOATS
CALVES

THURSDAY

Beef Auction 10:00 A.M.
BULLS, STEERS, BEEF COWS

1:00 P.M.
STOCKERS & FEEDERS

11:30 A.M.
SHEEP
GOATS
CALVES

WEDNESDAY

HEIFER SALE 11:00 A.M.
COW SALE 12:00 NOON
HEIFERS BULLS DAIRY COWS
We have the usual run of 50 to 100 Heifers, all ages. Loads of fresh cows and springers from our regular shippers. Also some local fresh cows and springers.

1:30 P.M.
FEEDER PIG SALE
Pigs are accepted after 6:30 A.M. State graded from 8 to 12. Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection.

NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster Off Route 23, New Holland, Penna.

MANAGERS
Norman & David Kolb - 717-397-5538
Field Representatives
Luke Eberly - 215-267-6608 738-1865
Homer Eberly - 215-267-3047
Ron Ranck - 717-656-9849

Sale Barn Office Manager
Roger Floyd - 717-354-4341
FAX #717-355-0706

Order Buyer
Paul Good - 215-445-6662

Leesport Livestock Auction

Leesport, Pa.
Wednesday, December 8, 1993
Report Supplied by PDA

CATTLE 311.. PDA .. Supply included 128 steers and heifers, 27 feeder cattle. Compared with last Wednesday's market: sl. steers steady to weak; sl. cows about steady. STEERS: Choice 1050/1450 lbs. 66.50-70.50, one 72.00, Select 63.00-67.50. HOLSTEINS: few Choice 61.00-64.75, Select 57.00-61.25, few Standard 55.00-57.75. HEIFERS: Choice 64.00-68.00, Select 58.00-63.00, few Standard 52.00-57.00. COWS: Breaking Utility and Commercial 45.00-47.50, one 51.00, Cutter and Boning Utility 44.00-47.50, couple 49.00, Canner & low Cutter 38.00-43.75. Shells down to 32.50. BULLOCKS: one Choice 63.75, couple Select Holsteins 58.75 & 59.25. BULLS: Yield Grade No. 1 1200/1930 lbs. 55.00-61.00, one No. 2 2500 lbs. 53.25. FEEDER CATTLE: Steers and Bulls: few Medium Frame No. 1 350/650 lbs. 58.00-76.00.

CALVES 162..VEALERS: one Choice 85.00, few Standard and Good 75/100 lbs. 50.00-60.00, few Utility 60/85 lbs. 30.00-45.00. RETURNED TO FARM: No. 1 Holstein Bulls 90/130 lbs. 130.00-165.00, No. 2 80/125 lbs. 70.00-125.00, few No. 1 Holstein heifers 90/115 lbs. 140.00-205.00. Beef cross 80/150 lbs. bulls and heifers 70.00-150.00.

HOGS 160..Barrows and gilts mostly .25 to .75 higher, sows about steady. BARROWS AND GILTS: US No. 1-2 220/250 lbs. 39.50-41.10, US No. 1-3 260/275 lbs. 38.60-39.75, US No. 2-3 300/330 lbs. 33.50-34.85, US No. 1-3 205/225 lbs. 37.10-38.00. SOWS: US No. 1-3 400/660 lbs. 30.00-32.75. BOARS: few 28.25-29.50.

FEEDER PIGS 172..US No. 1-3 20/30 lbs. 85.00-125.00, 35/55 lbs. 66.00-86.00.--- per cwt.

SHEEP 118..High Choice and Prime 30/55 lbs. New Crop lambs 92.50-165.00, 60/80 lbs. 70.00-85.00, Choice 80/120 lbs. Wooled sl. lambs 56.50-63.00. Slaughter sheep: 18.00-38.00.

GOATS 31...Large 46.00-127.50, Medium 27.50-46.00. --- all per head.

New Wilmington Livestock Auction

New Wilmington, Pa.
Monday, December 6, 1993
Report Supplied by PDA

CATTLE 249.. PDA ..Supply included 84 feeder cattle. Compared with last Monday's market: slaughter cows steady. STEERS: one Select 60.00, Standard 55.00-58.25. HOLSTEINS: one Select 59.25, couple Standard 49.50 & 52.00. HEIFERS: few Select 60.00-62.75, few Standard 50.00-55.00. COWS: Low yielding Breaking Utility and Commercial 40.00-45.75, Cutter and Boning Utility 42.75-46.75, few to 48.00, Canner and Low Cutter 38.00-42.75. Shells down to 35.00. BULLS: few Yield grade 1 1275/1655 lbs. 57.00-65.00, few Yield grade 2 2 970/2065 lbs 47.00-52.00.

FEEDER CATTLE: Steers: few Large Frame No. 1 300/675 lbs 80.00, Medium Frame No. 1 400/680 lbs. 60.00-70.00. Heifers: few Large Frame No. 1 300/400 lbs. 60.00-62.50, Medium Frame No. 1 325/600 lbs. 54.00-62.00, one 68.00, few Medium Frame No 2 500/850 lbs 44.00-50.00. Bulls: few Large Frame No 1 595/775 lbs 54.00-58.00, Medium Frame No. 1 490/680 lbs. 61.00-67.00, few 740/965 lbs 47.50-50.00.

CALVES 222..VEALERS: Standard and Good 75/95 lbs. 37.00-52.50, Utility 50/75 lbs. 10.00-30.00. FARM CALVES: No. 1 Holstein bulls 120/130 lbs. 110.00-130.00, 95/115 lbs. 155.00-166.00, 90 lbs 141.00, 80/85 lbs. 101.00-110.00, No. 2 110/115 lbs 146, 90/110 lbs. 100.00-125.00; No 1 Holstein heifers 90/110 lbs 170.00-190.00, few No. 2 80/90 lbs. 115.00-155.00. Few Beef cross 85/115 lbs. bulls and heifers 110.00-167.50, 50/80 lbs 47.50-105.00.

HOGS 261...BARROWS AND GILTS steady to .25 lower: US 1-2 230/250 lbs. 40.85-42.25, US No. 1-3 210/270 lbs. 39.50-40.75. SOWS: US 1-3 320/445 lbs. 32.00-37.00, 525/630 lbs. 32.00-33.50. US No. 2-3 370/730 lbs. 28.50-32.50, couple Medium 265/275 lbs 30.00 & 32.50. BOARS: 285/645 lbs 26.00-29.00.

FEEDER PIGS 63.. US 1-3 20/35 lbs. 17.00-29.00, 35/55 lbs. 32.50-35.00.-- per head. US No. 1-3 100/160 lbs. 35.00-40.00.--- per cwt.

SHEEP 103...Wooled Slaughter Lambs: Choice 100/110 lbs. 57.50-67.00, 65/100 lbs. 67.00-79.00, 40/60 lbs 69.00-74.00, Good and Choice 45/75 lbs. 60.00-67.00. Slaughter Sheep: 20.00-30.00, few yearlings to 40.00.

GOATS 9... Medium 25.00-38.00.---all per head.

Mercer Livestock Auction

Mercer, Pa.
Tuesday, December 7, 1993
Report Supplied by PDA

CATTLE 354.. PDA ..Compared to last Tuesday's market: sl. steers 2.00 to 4.00 lower, Holsteins fully 4.00 lower; cows steady to 1.50 lower; heifers 1.25 to 2.25 lower. STEERS: few High Choice and Prime 1100/1400 lbs. 68.25-69.00, Choice 1020/1530 lbs. 64.00-69.85, Select 59.00-65.25, few Standard 55.00-59.00. HOLSTEINS: Choice 1200/1415 lbs. 58.00-62.00, Select 52.00-57.50, few Standard 49.75-54.00. HEIFERS: Choice 1000/1360 lbs. 64.00-68.00, Select 59.50-65.00, few Standard 52.00-59.50. COWS: Breaking Utility and Commercial 44.00-47.00, Cutter and Bon. Utility 42.00-46.50, one 47.75, Canner and Low Cutter 38.75-42.85. Shells down to 32.00. BULLS: one Yield Grade No. 1 1665 lbs. 58.00, No. 2 1015/2295 lbs. 39.25-54.25. FEEDER CATTLE: Steers: few Large Frame No. 1 225/525 lbs. 84.00-89.50, Medium Frame No. 1 380/860 lbs. 61.00-73.00, couple to 82.
00, few Large Frame No. 2 625/1180 lbs. 54.00-62.00. Heifers: few Large Frame No. 1 220/590 lbs. 73.00-81.00, Medium Frame No. 1 250/620 lbs. 62.00-70.00. Bulls: few Large Frame No. 1 593 lbs. 75.00, few Medium Frame No. 1 250/570 lbs. 69.00-76.00, few Large Frame No. 2 600/725 lbs. 60.00-68.00.

CALVES 82..VEALERS: few Standard and Good 75/90 lbs. 50.00-60.00, Utility 40/90 lbs. 10.00-35.00. RETURNED TO FARM: few No. 1 Holstein bulls 120/140 lbs. 120.00-160.00, 90/110 lbs. 152.50-180.00, No. 2 85/130 lbs. 80.00-145.00; few No. 2 Holstein heifers 95/130 lbs. 180.00-190.00, No. 2 75/95 lbs. 80.00-165.00. Beef cross 80/115 lbs. bulls and heifers 80.00-175.00.

HOGS 166..Barrows and gilts .25 to .75 lower. BARROWS AND GILTS: US No. 1-2 240/260 lbs. 40.50-41.50, US No. 1-3 230/250 lbs. 39.00-40.25, few US No. 2-3 220/260 lbs. 38.00-38.75. SOWS: few US No. 1-3 270/440 lbs. 32.00-34.50, one 41.00, one US No. 2-3 575 lbs. 30.00. BOARS: one 570 lbs. 25.00.

FEEDER PIGS 10...US No. 1-3 40/50 lbs. 17.00-22.00.-- per head.

SHEEP 4...Slaughter sheep: few 10.00-14.00.

GOATS 3...Couple Large 36.00 & 43.00, one Medium 30.00.-- per head.

Westminster Livestock

Hagerstown, Md.
December 7, 1993
Report supplied by auction

SLAUGHTER COWS: 95 HEAD, 1.00-2.00 LOWER. UTILITY 44.00-48.75; LOW DRESSING 42.00-44.00; HIGH DRESSING TO 50.75; CANNERS 39.00-43.00; SHELLY 39.00 DOWN.

BULLS: YG#2 1100-1500 LBS. 56.00-60.00; 1 2520 LB. AT 57.75.

FED STEERS: LOW CHOICE 1100-1300 LBS. 65.00-66.50; HOLSTEINS 62.00-65.25.

FED HEIFERS: FEW OFFERED; SELECT 800-1050 LBS. 56.00-60.00.

VEAL CALVES: LOW CHOICE 200-250 LBS. 75.00-79.00; 1 GOOD 210 LBS. 69.00; CULLS 80-100 LBS. 52.00-60.00; 50-80 LBS. 45.00-54.00; WEAK/ROUGH 40.00 DOWN.

FARM CALVES: HOLSTEIN BULLS 10.00 HIGHER. #1 90-125 LBS. 125.00-156.00; 75-85 LBS. 65.00-85.00, FEW TO 100.00; HOLSTEIN HEIFERS, FEW OFFERED; FEW 75-80 LBS. 65.00-122.00; BEEF X HEIFERS 75-90 LBS. TO 137.00.

BUTCHER HOGS: NO TOPS OFFERED; US#2&3 215-260 LBS. 37.00-38.25; 260-280 LBS. 35.00-36.00; 3 HEAD 292 LBS. AT 38.25.

SOWS: 300-450 LBS. 26.50-29.25, FEW TO 30.25; 450-700 LBS. 30.00-33.25.

BOARS: 400-650 LBS. 27.50.

STOCK CATTLE: 138 HEAD. STEERS 200-400 LBS. 75.00-87.00; 400-600 LBS. 78.00-80.00; 600-800 LBS. 65.00-72.00; 800-1000 LBS. 63.00-73.00.

HEIFERS: 300-500 LBS. 68.00-77.00, FEW 80.00-82.00; 500-700 LBS. 63.00-72.00; 700-900 LBS. 55.00-66.00.

BULLS: 200-400 LBS. 70.00-80.00; 500-750 LBS. 60.00-71.00.

LAMBS: 50 HEAD. CHOICE, FEW 140-150 LBS. 52.00-56.00; 100-120 LBS. 67.00-70.00; 90-100 LBS. 70.00-80.00, 85.00-88.00; 70-90 LBS. 80.00-89.00; 60-70 LBS. 87.00-94.00; 50-60 LBS. 100.00-103.00.

SHEEP: FEW OFFERED 16.00-28.00; YEARLINGS TO 43.00.

GOATS: LARGE 60.00-84.00; MEDIUM 35.00-66.00; SMALL FLESHY 30.00-40.00.

PIGS AND SHOATS: 50 HEAD, MAINLY LIGHT WEIGHTS. BY THE HEAD FROM TESTED HERDS 20-30 LBS. 15.00-21.00; 8 HEAD 35 LBS. TO 24.00; 50-60 LBS. 33.00-35.00; 4 HEAD 60 LBS. 44.00; BY THE POUND 90-120 LBS. 36.00-42.00; 140-170 LBS. 33.00-35.00.

STOCK BOARS: 300 LBS. TO 28.00.

HESS MILLS

PURINA® CALF STARTENA®

- **Nutritionally Balanced -** for correct protein, energy and vitamin balance
- **Very Palatable -** calves start eating quicker
- **Level & Quality of Fiber is Ideal** assists in rumen development
- **Comes with Deccox® -** controls coccidiosis

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CHRISTMAS & NEW YEAR HOLIDAY SALES

LAMBS & GOATS

We Recommend You Bring Them In
Monday, December 20 And 27
Sale Time 9 AM

LEESPORT FARMERS MARKET
North end of Leesport, PA Turn East off Route 61
"WHERE FRIENDS MEET"
BERKS COUNTY'S ONLY WEEKLY CATTLE & SWINE AUCTION — WEDNESDAY AT 1 P.M.

FARMER'S MARKET Every Wednesday, 9 AM TO 8 PM

Garden Fresh Fruits & Vegetables - Bakery Fresh Cakes, Pies and Buns - Butcher Fresh Meats & Cheese - Sporting Goods - Clothing - Furniture - Jewelry - Used Items & Collectibles.

PHONE: 215-926-1307 BILL WEIST & WOODY WEIST, MGRS.

The Old Farmer's Almanac This Week With Almanac

DECEMBER 13 19, 1993

POINSETTIA DAY, DEC. 12.

RUDOLPH

Most youngsters think Rudolph the Red-Nosed Reindeer has been around forever . . . just like Santa Claus. Actually, Rudolph was "born" in 1939 in a Chicago department store! The brainchild of Robert May, an ad copywriter for Montgomery Ward, Rudolph started out as an illustrated poem; 2.4 million copies were handed out nationwide that year. In 1947, Johnny Marks set the poem to music, but no one wanted to record it. Then in 1949 Gene Autry recorded the song, which zoomed to the top of the charts. Three hundred different recordings and eighty million records later, Autry's "Rudolph" is second only to Bing Crosby's "White Christmas" as the best-selling record of all time.

Rudolph the red-nosed reindeer, you'll go down in history!

TIP OF THE WEEK

☞ **Don't store soft and crisp cookies in the same container or the crisp cookies will soon become limp.**

EAR WISE

Ionizing type smoke detectors (the majority in home use today) require radioactive material — more than enough to cause cancer if inhaled or ingested. In a fire or through improper disposal, radiation may be released into the environment; an unnecessary risk. Photoelectric smoke alarms use no radioactive materials, are more effective, and give off fewer false alarms. Contact Nuclear Free America at 410-235-3575 if you can't find one locally or for more information

WILD RICE WITH MUSHROOMS

- ½ cup finely chopped onions
- ½ cup butter
- 2 cups sliced mushrooms
- 1 cup uncooked wild rice
- 3 cups chicken broth
- ½ teaspoon salt
- ¼ teaspoon ground pepper

Sauté onions in butter until soft. Add mushrooms and cook, stirring often, until mushrooms darken. Place onions and mushrooms in a greased 1½-quart casserole, add remaining ingredients, and mix well. Cover; bake at 325° F for 1 hour or until broth is absorbed and rice is tender.

Makes 4 servings.

The Old Farmer's Weather Forecast

NORTHEAST: Stormy New England, gale coast; clearing and cold, some light snow.

SOUTHEAST: Cold, freezing rain and snow north and coast; sunny and warm Florida; scattered showers.

MIDWEST: Seasonable, flurries; turning colder, light snow.

NORTHWEST: Seasonable; rain, snow mountains, showers coast; then colder, some showers mountains, heavy rain coast.

SOUTHWEST: Sunny and warm, rain and snow mountains; then scattered showers; mild and clear desert.

Greencastle Livestock

Greencastle, Pa.
Report Supplied by Auction
December 6, 1993

159 SLAUGHTER STEERS 1.00 LOWER.

HIGH CHOICE AND PRIME 2-4, 71.50-73.50; CHOICE 2-3 950-1075 LBS. 66.00-70.00; CHOICE 2-3 1075-1375 LBS. 67.50-71.50; CHOICE 2-3 OVER 1375 LBS. 65.00-69.00; CHOICE 4 ALL WEIGHTS 62.00-66.25; SELECT & CHOICE 1-2 950-1100 LBS. 62.00-67.00; SELECT & CHOICE 1-2 1100-1375 LBS. 60.00-66.00; SELECT & CHOICE 1-2 OVER 1375 LBS. 58.00-65.00.

HOLSTEINS: CHOICE 2-3 1050-1450 LBS. 60.00-64.00; SELECT 1-2 1050-1450 LBS. 54.00-59.50.

SLAUGHTER HEIFERS: 66 HD, MARKET 1.00 LOWER. CHOICE 2-3 850-1000 LBS. 65.00-69.00; CHOICE 2-3 1000-1250 LBS. 67.00-72.50; CHOICE 4, ALL WEIGHTS 60.00-64.00; SELECT & CHOICE 1-2 850-1000 LBS. 60.00-65.00; SELECT AND CHOICE 1-2, 1000-1250 LBS. 63.00-67.75.

HOLSTEINS: CHOICE 2-3 1000-1350 LBS. 56.00-62.75; SELECT & CHOICE 1-2 1000-1350 LBS. 49.00-55.00.

SLAUGHTER BULLS: 23 HD. MARKET 1.00 HIGHER. YIELD GRADE 1 ALL WEIGHTS 59.00-67.75; YIELD GRADE 2 ALL WEIGHTS 50.00-58.00.

BULLOCKS: 15 HEAD. CHOICE 1-3 950-1150 LBS. 61.00-64.00; 1150-1375 LBS. 57.00-63.00; SELECT 1-2 950-1250 LBS., 63.00-71.00 AND TO 76.75.

COWS: 335 HD. TREND: STEADY. BREAKING UTILITY & COMMERCIAL 42.00-46.75; CUTTER & BONING UTILITY 44.00-49.00; CANNER & LOW CUTTER 44.00 & DOWN.

STOCKER & FEEDER CATTLE RECEIPTS: 1140 HD. BEEF TYPES: 200-400 LBS. STEERS 82.00-106.00, BULLS 78.00-101.00, HEIFERS 74.00-94.50; 400-600 LBS. STEERS 75.00-91.50, BULLS 65.00-75.00, HEIFERS 74.00-89.50; 600-800 LBS. STEERS 75.00-86.50, BULLS 60.00-67.50, HEIFERS 70.00-81.00; 800-975 LBS. STEERS 67.00-74.50, BULLS 55.00-61.00; HEIFERS, 65.00-71.00.

HOLSTEIN AND DAIRY CROSS: 200-400 LB. STEERS 65.00-75.50, BULLS 60.00-74.00, HEIFERS, 75.00-121.00; 400-600 LB. STEERS 58.00-66.00, BULLS 55.00-62.00, HEIFERS, 70.00-81.00; 600-800 LB. STEERS 57.00-65.00, BULLS, 51.00-60.00, HEIFERS, 65.00-74.50; 800-975 LB. STEERS 50.00-57.75, BULLS 45.00-54.50, HEIFERS, NONE.

CALVES: 574 HD. VEAL CALVES. TREND: STEADY TO STRONGER. CHOICE 150-300 LBS. 90.00-107.00; GOOD 150-300 LBS. 80.00-100.00; GOOD 100-150 LBS. 70.00-90.00; GOOD 80-100 LBS. 60.00-75.00; STANDARD 80-100 LBS. 55.00-65.00; STANDARD 80 LBS. & DOWN 55.00 AND DOWN.

CALVES RETURNING TO THE FARM, TREND STRONGER. HOLSTEIN BULLS OVER 100 LBS. UP TO 173.00; UNDER 100 LBS. UP TO 170.00; HOLSTEIN HEIFERS OVER 100 LBS. UP TO 210.00; UNDER 100 LBS. UP TO 190.00; BEEF TYPE BULLS OVER 90 LBS. UP TO 199.00; BEEF TYPE BULLS UNDER 90 LBS. 175.00.

SHEEP & LAMBS: 72 HD. LAMBS: TREND: STEADY TO WEAKER. CHOICE 80-100 LBS. 70.00-73.00; 100-120 LBS. 60.00-65.00; 120 LBS. AND OVER 50.00-55.00; MEDIUM AND GOOD ALL WEIGHTS 60.00-69.00; LIGHT LAMBS 75.00-86.00.

SHEEP: EWES LEAN 30.00-40.00; EWES FAT 21.00-26.00; YEARLINGS 40.00-44.00; BUCKS 20.00-25.00.

GOATS: 131 HD., SMALL 19.00-40.00; MEDIUM 42.00-64.00; LARGE 60.00-105.00 AND TO 131.00.

HOGS, SOWS & BOARS: 201 HEAD, 1.00 LOWER. HOGS, BARROWS & GILTS: 210-250 LBS. 38.00-40.00; 250-260 LBS. 37.50-39.50; 260-270 LBS. 36.50-39.00; 270-300 LBS. 35.00-39.50.

LIGHT HOGS: 140-180 LBS. 30.00-35.00; 180-210 LBS. 34.00-36.00.

SOWS: 1.00 LOWER. GOOD SOWS UNDER 400 LBS. 30.00-34.50; GOOD SOWS UNDER 400 LBS. 31.50-35.00; CULL SOWS ALL WEIGHTS 29.00 AND DOWN.

BOARS: STEADY TREND. 180-210 LBS. 29.00-32.00; 210-260 LBS. 30.00-32.50; 260-300 LBS. 27.00-29.00; 300 LBS. AND OVER 25.00-27.25.

SALE EVERY MONDAY AT 2:00 P.M. & EVERY THURSDAY AT 1:00 P.M.

HAY & STRAW SALE EVERY MONDAY & THURSDAY AT 11:30 A.M.

SPECIAL FEEDER PIG SALE: SATURDAY, DECEMBER 18, AT 1:00 P.M.

Silo-Matic F.M.R. with TUMBLE MIX ROTATION

Economical!!

- Beam Scale System
- 7 Different Sizes
- Low Maintenance
- Long-Lasting Stainless Steel Barrel
- Low Power Requirements

MODEL	PRICE
DM172	$6,700
DM235	$7,528
DM320	$8,592

PRICES WITH BEAM SCALE, LESS MOTOR

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GOLDEN LEAF TOBACCO CO. INC.
ATTENTION TOBACCO FARMERS

For the past several months we have worked very hard to get prices up from last year's $1.09 average. We believe the contracts that were written have already guaranteed our customers a much higher price for this year.

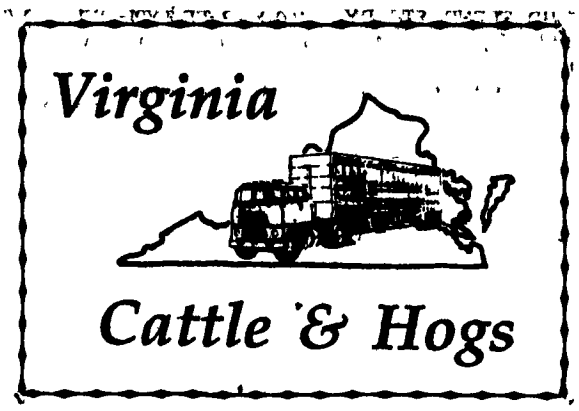
As a major buyer of 609 tobacco in Lancaster Co., GOLDEN LEAF TOBACCO is looking forward to assisting you in keeping a good market for your 609 tobacco.

We will be receiving tobacco Monday to Friday from 8 am to 4 pm. If we can be of any help, please give us a call.

We are located at the same location as last year, 3 miles east of Rt. 222 on Rt. 322 between Hinkletown and Blue Ball. Watch for our sign on the north side of Rt. 322 at the Quality Fencing Warehouse.

Golden Leaf Tobacco Co.
Mac Bailey
(717) 354-8177

Clark Stauffer	Dennis Hess	Mac Bailey	Aaron Miller
(717) 733-8921	(717) 627-4075	(717) 354-8177	*Ans. Serv.*
(717) 575-0622		(717) 575-4229	(717) 656-6109
(717) 738-2328			



Virginia Weekly

Richmond, Va.

Wednesday, December 8, 1993

WEEKLY REVIEW IN VIRGINIA REVIEW OF VIRGINIA DIRECT HOGS FOR THE PERIOD DECEMBER 1-7, 1993. RECEIPTS FOR COUNTRY BUYING STATIONS IN VIRGINIA FOR THE PERIOD TOTALED 597 HEAD. RECEIPTS FOR DELIVERY TO THE PLANT (WITHIN A 30 MILE RADIUS) TOTALED 2410 HEAD. THE VIRGINIA DIRECT HOG MARKET FOR TUESDAY DECEMBER 7, 1993 CLOSED $1.00 LOWER COMPARED TO LAST TUESDAY'S TRADING.

BARROWS AND GILTS: VIRGINIA COUNTRY POINTS U.S. 1-3 220-250 LBS 36.50-38.00.

LOCAL PLANT DELIVERED (30 MILE RADIUS).

US 1-2 220-250 LBS. 37.50-38.50 FEW 39.00 US 2-3 220-250 LBS. 36.50-37.50.

SLAUGHTER STEERS AND HEIFERS 0%; SLAUGHTER COWS 21% SLAUGHTER BULLS 2%, SLAUGHTER CALVES AND VEALERS 0%; FEEDER CATTLE UNDER 600 LBS 56%, OVER 600 LBS 21%.

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS.

SLAUGHTER CATTLE: TOTAL HEAD COUNT 0 HEAD STEERS: SELECT 2-3 1000-1200 LBS ---- SELECT 2-3 1200 LBS & OVER.

HEIFERS: STANDARD 1-2 850-1100 LBS ---- SELECT 2-3 850-1100 LBS ---- SELECT 2-3 1100-1500 LBS.

SLAUGHTER COWS TOTAL HEAD COUNT 1521 HEAD UTILITY & COMMERCIAL COWS 37.00-49.00.

SLAUGHTER BULLS: HEAD COUNT 111 HEAD BULLS - 1-2 900-1300 LBS 47.00-55.50 1-2 1300-1600 LBS 51.50-62.50 FEW 48.00 1-2 1600 LBS & OVER 50.00-63.25 FEW 48.00.

SLAUGHTER CALVES & VEALERS TOTAL HEAD COUNT 20 HEAD CALVES - GOOD AND CHOICE 250-500 LBS 67.00-73.00 VEALERS - GOOD AND CHOICE 200-350 LBS.

SLAUGHTER LAMBS TOTAL HEAD COUNT 613 (OLD CROP) WOOLED CHOICE & PRIME 3-4 132 LB. 56.75 CHOICE & FEW PRIME 1-2 FEW 3 85-120 LB. 66.50-69.50 GOOD & FEW CHOICE 1-2 85-96 LB. 66.00-79.00 FEW 62.00.

SLAUGHTER HOGS TOTAL HEAD COUNT 46 US 1-3 200-250 LBS 37.00 SOWS US 1-3 300-500 LBS 27.50-39.00 500 LBS & OVER 24.50-39.50.

FEEDER CATTLE TOTAL HEAD COUNT FOR ALL WEIGHTS 5586 HEAD STEERS: MEDIUM 1 200-300 89.00-110.00 300-400 88.00-108.00 FEW 79.00 400-500 78.50-96.00 500-600 78.00-94.00 600-700 75.00-86.00 700-800 73.00-83.25 800-900 70.00-78.00 900-1000 71.50-73.25.

HEIFERS: MEDIUM 1 200-300 85.00-87.00 300-400 71.00-85.00 400-500 70.00-85.00 500-600 68.00-80.00 600-700 68.00-75.50 700-800 64.50.

SPECIAL SLAUGHTER CATTLE SALE HELD AT FRONT ROYAL, VIRGINIA ON DECEMBER 2, 1993 46 HEAD SOLD STATE GRADED.

STEERS; CHOICE 2-3 1100-1300 LBS 67.25-71.50 CHOICE 2-3 1301-1500 LBS 66.00-70.75.

HEIFERS; CHOICE 2-3 1100-1300 LBS 60.00-71.00.

North Virginia

Southside (Blackstone), Va.

Wednesday, December 8, 1993

PRICES BASED ON IN WEIGHTS.

SLAUGHTER CATTLE 43 HEAD.

SLAUGHTER COWS 41 HEAD COWS BREAKING UTILITY & COMMERCIAL 2-4 37.00 - 42.50 CUTTER & BONING UTILITY 1-3 41.00 - 42.50 CANNER AND LOW CUTTER 1-2 30.00 - 35.00.

SLAUGHTER BULLS 2 HEAD BULLS Y.G. 1-2, 1600 LBS. & OVER 49.00 - 56.50.

FEEDER CATTLE 164 HEAD.

STEERS SMALL 1 MED & LARGE 2 300-400 - 89.50 400-500 76.00 - 87.50 79.50 - 84.50 500-600 78.00 - 80.50 77.00 - 78.00.

HEIFERS MEDIUM 1 SMALL 1 MED & LARGE 2 200-300 78.50 65.00 - 72.00 - 300-400 - 65.00 - 68.50 72.50 - 79.00 400-500 - 66.00 - 72.50 - 500-600 - 63.00 - 64.50 67.00 - 72.00.

BULLS MED & LARGE 1 SMALL 1 MED & LARGE 2 200-300 91.00 - 108.00 84.00 - 88.00 92.00 - 97.00 300-400 92.00 - 107.00 67.00 - 85.00 84.00 - 96.00 400-500 87.50 - 90.50 65.00 - 85.00 80.00 - 86.00 500-600 - 65.00 - 70.00 72.00 - 75.00 700-900 - 52.00 - 53.00.

********** THE FOLLOWING ARE STATE GRADED PRICES **********

STATE GRADED FEEDER CATTLE 58 HEAD SOLD AT BLACKSTONE, VIRGINIA ON DECEMBER 8, 1993.

STEERS 28 HEAD MED & LARGE 1 MED & LARGE 2 300-400 104.00 97.50 - 98.00 400-500 89.50 - 93.50 84.50 - 90.50 500-600 83.50 - 88.00 84.00 - 84.50 600-700 81.50 83.00.

HEIFERS MED & LARGE 1 MED & LARGE 2 300-400 75.00 - 82.00 78.00 400-500 71.50 - 77.50 71.50 - 78.50 500-600 72.00 - 74.00 74.50 600-700 62.50 - 68.50.

ORANGE, VIRGINIA ON 08-DEC-93 PRICES BASED ON IN WEIGHTS.

SLAUGHTER HOGS 24 HEAD BARROWS AND GILTS US 1-3, 200-250 LB. 37.25 SOWS US 1-3, 300-500 LB. 32.00 - 33.50 US 1-3, 500 LBS. & OVER 34.00 BOARS 300-600 LB. 25.00.

SLAUGHTER CATTLE 112 HEAD.

SLAUGHTER COWS 105 HEAD COWS BREAKING UTILITY & COMMERCIAL 2-4 40.00 - 45.00 CUTTER & BONING UTILITY 1-3 40.00 - 45.50 CANNER AND LOW CUTTER 1-2 35.00 - 42.00.

SLAUGHTER BULLS 7 HEAD BULLS Y.G. 1-2, 900-1300 LB. 49.00 - 54.50 Y.G. 1-2, 1300-1600 LB. 50.00 - 57.50 Y.G. 1-2, 1600 LBS. & OVER 55.00.

LAMBS TOTAL RECEIPTS 38 HEAD SLAUGHTER LAMBS 17 HEAD WOOLED CHOICE FEW PRIME 1-2 FEW 3 95-125 LB. 64.50 - 68.50 FEEDER LAMBS 21 HEAD CHOICE AND FANCY, 70-85 LB. 66.50 - 70.00 CHOICE AND FANCY, 60-70 LB. 70.50.

FEEDER CATTLE 162 HEAD STEERS 68 HEAD MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 90.00 - 93.50 - - - 400-500 86.00 - 94.00 - 72.00 - 79.00 64.00 500-600 75.00 - 81.00 83.00 - 87.00 - - HOLSTEIN STEER 15 HEAD MED & LARGE 2 200-300 73.50 300-500 66.00 - 72.00 500-700 67.00.

HEIFERS 61 HEAD MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 80.00 - 85.00 - 61.00 - 65.00 - 400-500 72.00 - 80.00 79.00 - 83.00 63.00 - 69.00 73.00 - 77.00 500-600 74.00 - 78.50 - 60.00 - 800-900 58.50.

BULLS 28 HEAD MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 90.00 - 92.50 - 62.00 - 65.00 - 400-500 - 84.00 61.00 - 69.00 69.00 - 73.00 500-600 - - - 67.00 600-700 - 64.00 - 70.00 - - COWS RETURNED TO FARMS 42 HEAD - M&L-1, 4-10 YRS OLD 900-1100 LBS $420.00-560.00 PER HEAD. COWS WITH CALVES AT SIDE 8 PAIRS - M&L-1, 4-10 YRS OLD 900-1100 LBS WITH CALVES NEWBORN TO 200 LBS $420.00-490.00 PER HEAD WITH CALVES AT $78.00-83.00 PER CWT. BABY CALVES RETURNED TO FARMS 27 HEAD NEWBORN TO 4 WEEKS OLD $35.00-50.00 PER HEAD. OVER 100 LBS $85.00-115.00 PER CWT.

Front Royal, Virginia Horse Sale

Report Supplied by Auction

December 4, 1993

144 HEAD.

RIDING HORSES, SERVICEABLE AGE: AVERAGE TO GOOD QUALITY 925-1175 LBS. 540.00-785.00; 800-900 LBS. FEW 475.00-535.00; BETTER QUALITY 1050-1150 LBS. 2 AT 900.00 AND 1125.00; EXCELLENT QUALITY 1200-1350 LBS. 2 AT 1475.00 AND 2000.00.

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Lancaster Farming

OPINION

Environmental Restrictions May Cost Rural Area Jobs

Thousands of jobs may be lost in rural areas if government agencies adopt overly rigid environmental regulations. The result, according to University of Maryland agricultural economist Dr. Bruce L. Gardner, will be losses of billions of dollars to the nation's economy.

Dr. Gardner, a former U.S. assistant secretary of agriculture, says that rural communities, especially in environmentally sensitive areas, would be hard hit by a tightening of environmental regulations. Jobs would be lost in the short run, with a sharp loss of rural areas' tax base and general economic vitality over a longer period of time. Declines in farm asset values alone could force many farmers out of business.

The warning comes in a new 80-page study by the Agricultural Policy Working Group (APWG), a coalition of food and agribusiness firms that releases periodic economic papers on topical agricultural and food policy issues. Dr. Gardner's report is entitled "The Impacts of Environmental Protection and Food Safety Regulation on U.S. Agriculture." It contains nearly two dozen charts and graphs detailing trends in U.S. food production.

The study concludes that government regulations reducing chemical use and land use in agriculture will lower farm output. Less farm output would, in turn, reduce the need for labor, and on-farm employment would decline. A resulting decline in agricultural output would then cause job losses in farm manufacturing and marketing industries.

"Increased regulation of agricultural production will reduce farm income," Dr. Gardner says. "And there will be less income to spend on off-farm goods and services. The loss of farm income and jobs has a multiplier effect throughout the economy, with loss of each on-farm job causing the loss of off-farm jobs in manufacturing or service industries."

The APWG study specifically pinpoints the dairy industry, citing estimates that for every job lost on a dairy farm, 1.06 jobs will be lost off-farm for a total decrease of 2.06 jobs.

"Even these estimates are misleading," Dr. Gardner says, "because they are dependent upon the overall health of the economy. If the economy is healthy and growing, people displaced from farming and its service industries will soon be employed elsewhere; but in a sluggish economy, people displaced by a plant shutdown will be added to the ranks of the unemployed, particularly in rural areas where alternatives are fewer even in good times."

Dr. Gardner points to proposed new regulations such as restrictions on conversion of wetland acreage to other uses; restriction of cropping systems, water use, and pesticide applications under the Endangered Species Act; more drastic steps taken to preserve endangered species; and further tightening of "sodbuster" and "swampbuster" provisions as possibly having a detrimental effect on rural areas employment. "There are also regional initiatives that can have major impact," he says. "California's proposed 'Big Green' proposition is a good example."

A long range consequence of stricter agricultural regulation would be a substantial loss of value of rural communities' tax base, according to Dr. Gardner's report. Although the report did not attempt to quantify losses in tax bases and economic vitality, it estimates that the costs could total billions of dollars.

The report recognizes the need for a balance between government regulations and protection of the rural economy and jobs. Dr. Gardner and the Agricultural Policy Working Group have called for Secretary of Agriculture Mike Espy to conduct an agricultural impact analysis on the effects of increased regulation on the agricultural economy. This would be done before major environmental bills are considered by Congress. "That would assure producers, agribusiness, and consumers that they would be fully informed of the potential economic impact — before the legislation is enacted into law," Dr. Gardner says. "And House and Senate members also need to be fully informed of the impacts on our nation's economy."

Farm Calendar

Saturday, December 11

NAFTA and Its Ag Impact, Octorara Young Farmers Association meeting, Octorara High School, 7:30 p.m.

Sunday, December 12

Monday, December 13

Tuesday, December 14

Rutgers University 15th annual pest control meeting, Holiday Inn, Bridgeport, N.J., thru Dec. 15.

New England Small Fruit and Vegetable Grower Conference and Trade Show, Sturbridge

(Turn to Page A31)

NOW IS THE TIME

By John Schwartz
Lancaster County Agricultural Agent

To Call Before You Dig

"Call before you dig or drill" is very important if you want to avoid a very embarrassing and costly mistake.

It is very important to call before excavating to find out about underground utilities that may be present. This one simple precaution will help to avoid injury to those excavating and avoid the possibility of expensive damage to fiberoptic cables or other vital utilities that may be located in the area of the dig.

Just recently an underground gasoline pipeline was hit during excavation in a farm field. The resulting gas spill resulted in environmental clean up of contaminated soil, water being transported for over a week to the nearby town because of possible well contamination, flash fires, and repairs to the line.

By calling before you dig, you may avoid thousands of dollars of unnecessary damages. Every state has a one call center, which will assist the caller in locating underground cables and other utilities to avoid damage. There is no cost for this service.

Your phone book has the number to call before you dig. This number is often in the section on telephone safety.

Farmers have a lot of reasons to drill and dig and move soil for new wells, buildings, manure storages, and conservation practices. Remember, call before you dig!

To Care For Strawberries

According to Leon Ressler, extension agricultural agent, the work in your strawberry bed is not finished even though the growing season is.

He reminds us perennial weeds such as dandelion or dock should be removed by hoeing or pulling. If you have a commercial size patch, apply your fall herbicides before the ground freezes.

Dacthal, Sinbar or Devrinol are possible choices, depending on your weed problem and rotation plans. Check the labels for rates and other application directions.

Ressler states the next task to take care of is applying the mulch. Strawberries need a mulch to protect the crowns from damage due to temperature fluctuations and soil heaving caused by freezing and thawing.

Cold weather may also cause an increase in black root rot. Choose clean wheat, oat, barley, or rye straw.

Applying weed-infested straw may do more harm than good. A mulch about 4 inches thick requires 2.5 to 3 tons of straw per acre.

Clay soils and raised beds require a heavier mulch. Be careful not to apply mulch in clumps, because this may smother the strawberries.

To Reduce Days Are Open

One of the hidden costs of dairying is excessive days cows are "open."

According to research work conducted at the University of Wisconsin, the most important aspect for reducing days open in high producing cows is management decisions.

Some farmers thought high producing cows needed a longer rest period and were not anxious to get them bred back early. However, those who wanted to maintain calving intervals of 13 months or less had their high producing cows bred 2 weeks earlier.

Thus, attitudes may affect days open. Days open were also reduced when management included regular herd checks by veterinarians, good nutrition, and the feeding of supplemental fat.

Conception rates were poorer for farmers who used their own bull and did their own breeding.

Feather Prof's Footnote: "The difference between ordinary and extraordinary is that little extra."

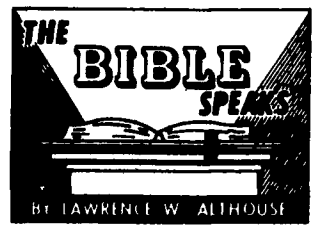
Farm Forum

Editor,

Something is wrong! For weeks national Milk Producers and their members co-operatives have been trying to convince Congress they had a dairy program that would save the U.S.D.A. money. And you know — they are right. Now I clearly see where the savings come from. It's called dipping into the dairy farmers pocket. Let's take the money from someone else's pocket for a change.

Oh, but the co-ops say if we take the money from you in the Self-Help Program then the market place will return, maybe $.50

(Turn to Page A31)



THE TRIUMPH OF THE HUMBLE
December 12, 1993

Background Scripture:
Luke 1:26-56
Devotional Reading:
Luke 1:57-80; Isaiah 11:1-15

There are two polarities in Mary's experience of what we today call the annunciation. The first of these is the angel Gabriel's twice-repeated assurance of God's favor: "Hail, O favored one, the Lord is with you!" and "Do not be afraid, Mary, for you have found favor with God" (2:28,30).

Can you imagine how Mary must have felt? How would you react if today an angel were to appear to you and say, "Do not be afraid... for you have found favor with God?" Isn't that the ultimate good news?

Today I received in the mail an important-looking certificate informing me that I have been chosen to receive one of our valuable prizes, the most valuable of these a new auto and the least valuable a sum of $1,000 cash. All I have to do to receive my prize is to call a specified 800-number. Well, of course, there is going to be a catch to it. I'm sure I'll end up with none of those four prizes.

THE TOP PRIZE

I don't play the Texas Lottery, but, if I did, and someday I were to learn that I had just won a couple of million dollars — that news, as exciting as it would be, cannot come close to the joy of the assurance that "you have found favor with God." When, at last, my life is over, it will be the favor of God, not any earthly possessions, that I will need when I cross from this life to the next.

So, Mary was assured that she had the greatest prize a human being could have: the favor of God. We would expect that her reaction would be, at the very least, one of elation. Some of us would go even further, our elation might turn to pride, and our pride might even become arrogance: look at me, I have the favor of God!

But it appears that Mary was more perceptive and we're told: "...she was greatly troubled at the saying and considered in her mind what sort of greeting this might be" (1:29). As if she suspected that this "favor" was something more than just a celestial award or divine recognition. Perhaps she remembered that in the long history of Israel, God's blessing usually carried obligations. God would bless her, but she would then need to be a blessing for others.

SUBMISSION

I'm sure that Mary was elated over this great announcement, but the elation gave way to humility and submission. When Gabriel finished revealing what God was going to do through her, she responded humbly: "Behold, I am the handmaid of the Lord; let it be to me according to your word" (1:38). A "handmaid" was simply a servant, so Mary was saying, I am your servant, Lord, do with me what you will.

So, Mary the WINNER became Mary the SERVANT. To some, this might look like regression. The late Methodist Bishop Gerald Kennedy once suggested that all seminary graduates start off as bishops and work their way up to parish minister. That would be no more a regression than Jesus experienced by kneeling to wash his disciples' feet. Regression or accession are all in the eye of the beholder.

The first Christmas was a time of triumph for the humble of the world. A humble woman became the mother of the Savior of the world. And Mary proclaimed the message that the world has still not grasped: "...he has regarded the low estate of his handmaiden... he has scattered the proud in the imagination of their hearts, he has put down the mighty from their thrones and exalted those of low degree..."

***

(Note: the 34th Ski & Spa Holiday in Badgastein, Austria, led by the Althouses is set for March 4-19, 1994. For information, contact: 4412 Shenandoah Ave., Dallas, TX 75205)

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A Steinman Enterprise
Robert G. Campbell General Manager
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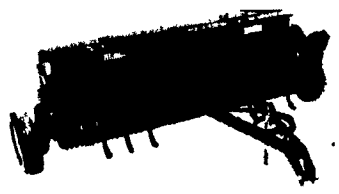
ROLLING ON...IN THE 90's

Brillion

MEETS THE CHALLENGE

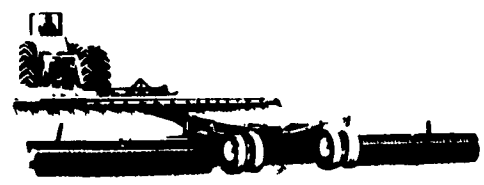
Brillion Implements Keep Going When Others Quit!

NEW SS8, SS10 & SS12 SEEDERS



For years Brillion Grass Seeders have proven to be the best machine for planting grasses and legumes... and now they're even better! Larger, heavier boxes, high seeding rates, nylon lined seed meter, heavier frame, new drive system and more.

X-FOLD PULVERIZERS 19 to 46 Ft.



The X-Fold pulverizers are designed to meet the needs of today's larger acreage farmers.... and Brillion offers them in two models and 11 sizes. Now available with 20" Ductile Rollers.

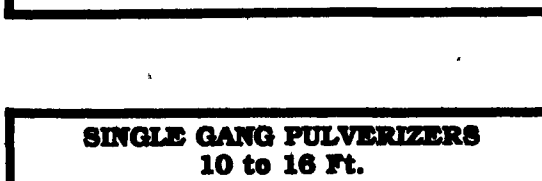
SOIL BUILDERS

SOIL BUILDERS are a primary conservation tool that breaks up plow pan to absorb moisture and blends surface residue into the soil with enough residue left on top to control wind and water erosion. 5-13 shank.

ML & WL PULVIMULCHERS

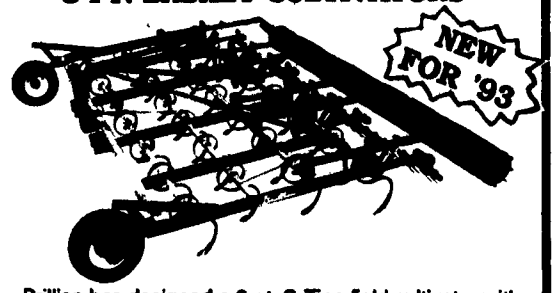
- Easy rolling 20" ductile iron notched or crowfoot roller wheels with a 5 year limited warranty.
- Longer life external mounted bearings.
- Longer, heavier drawbar for shorter turns.

Available 12'6", 13'10", 15'2" & 18'9" rigid 21'6", 25' & 30' flat fold.



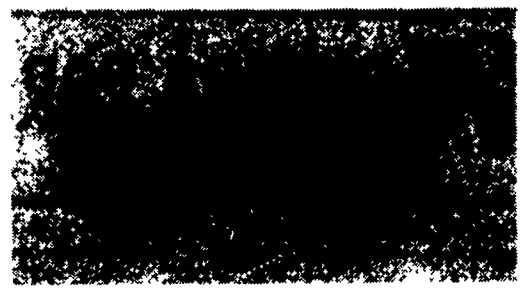
There's lots more reasons to buy Brillion... stop in and we'll talk.

3 PT. BASKET CULTIVATORS



Brillion has designed a 3-pt. S-Tine field cultivator with a larger, aggressively angled 12" diameter rolling basket, a 4-bar frame that allows for either 4" or 6" tooth spacing and an adjustable leveler bar in 12', 15' and 18' sizes. The distance between the four bars has been increased for the best trash flow in the industry. Gauge wheels are optional.

FLAIL SHREDDERS



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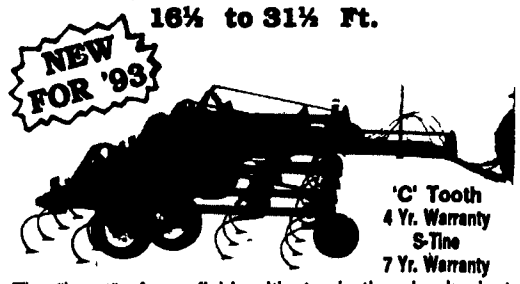
FLAIL SHREDDERS Heaviest gearbox on the market eliminates the number one cause of downtime. Available in 12' and 15'. Either cup or side slicer knives.

SINGLE GANG PULVERIZERS 10 to 16 Ft.

Also Available As Pull Type

NEW P10 SERIES TRANSPORT CONCEPT Brillion's transport concept is new to the industry. Machine weight is hydraulically rotated over the wheels for transport. This reduced drawbar hitch weight considerably and provides ample clearance for transporting. Available with 20 ductile rolls.

HFC FIELD CULTIVATORS 16½ to 31½ Ft.



'C' Tooth
4 Yr. Warranty
S-Tine
7 Yr. Warranty

The "heart" of any field cultivator is the shank pivot point. A "bulked up" shank bracket made of cast ductile iron instead of the usual formed steel bracket, incorporated a hardened steel bushing AND a zerk grease fitting to lubricate the pivot point to reduce wear. The result is thousands of acres of extended life of the shanks.

DEEP TILLS

The three shank model, shown above, has a Category II hitch. With a cutting width of 7'6", it is ideal for operators with smaller acreages and horsepower. It is extremely maneuverable, yet provides the same basic deep tilling job as its "big brothers." 3 to 7 shank.

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ROLLING ON...IN THE 90's

Brillion

MEETS THE CHALLENGE

Philadelphia Potato & Onion

Philadelphia, Pa.
Wednesday, December 8, 1993

ONIONS AND POTATOES ---ONIONS DRY: MARKET ABOUT STEADY US#1 OR GENERALLY GOOD QUAL AND COND UNLESS OTHERWISE STATED. Yellow Globe Type NY 50 lb sks med 7.00-9.00 mostly 8.00-8.50 Spanish Hybrid CO 50 lb sks jbo 13.00 ID/OR 50 lb sks col 14.00-15.00 fr cond 9.00 jbo 13.00-14.00 few 14.50 occ hgr Red ID/OR 25 lb sks jbo 10.00 --- POTATOES: MARKET ABOUT STEADY US#1 SZ A WASHED OR BRUSHED UNLESS OTHERWISE STATED Russet Burbank ID 50 lb ctns 70s 17.00-20.00 80s 17.00-20.00 90s 14.00-16.00 few 17.00 100s 10.50-12.00 few 12.50-13.00 Norkotah CD Prince Edward Island CDOne 50 lb ctns 100s 10.00 CO 50 lb ctns 70s fr cond 9.00-10.00 80s fr cond 9.00-10.00 90s few 12.00 fr cond 8.00-9.00 100s fr cond 6.00-8.00 WI 50 lb ctns 70s 12.00-14.00 80s 12.00-14.00 90s 10.00-12.00 100s 9.00-10.00 fr cond 6.00-7.00 Round Red MN/ND 50 lb sks 9.00 sz B 12.00 NY 50 lb sks 7.00-7.50 Round White CD Prince Edward Island CDOne 50 lb sks 6.50-7.00 mostly 6.50-6.75 lge 7.00-7.25 few hias 8.00 ME bld 5 10-lb sks 7.25 bld 10 5-lb sks 8.25 50 lb sks 6.50 NY 50 lb sks 6.00-6.50 lge 7.00.

Pennsylvania Livestock Auction

Waynesburg, Pa.
Thurs., December 9, 1993
Report Supplied by Auction

CATTLE: SL. COWS: UTILITY & COMMERCIAL 41.00-46.50; CUTTER & BONING UTILITY 40.00-45.00; CANNER & LOW CUTTER 38.00-43.50; SHELLS 37.50 & DOWN. BULLS: YIELD GRADE 1 1500#-1870# 50.00-61.00; YIELD GRADE 2 1000#-1400# 45.00-54.00.

FEEDER STEERS: M&L-1 300-500# 78.00-88.00; 250-280# 75.00-92.00, M 900-1000 55.00-67.00. HEIFERS M 1&L-1 300-500# 75.00-78.00; L-1 400-650# 65.00-78.00. BULLS M&L-1 300-620# 58.00-85.00.

CALVES: VEAL.. PRIME 80.00-100.00; CHOICE 74.00-90.00; GOOD 60.00-72.00.

FARM CALVES: #1 HOLSTEIN BULLS 90-120# FEW 100.00-125.00; #2 HOLSTEIN BULLS 80-100# FEW 75.00-100.00; BEEF X BULL&HFRS./HD. 45.00-132.50.

HOGS: BARROWS & GILTS #1-2 210-255# 40.00-45.00; #2-3 255-280# 38.00-43.00; SOWS #1-3 300-500# 30.00-38.00.

FEEDER PIGS: 1-3 25-35# 10.00-24.00/HD.

LAMBS: HIGH CHOICE 55-75 LBS. 65.00-85.00; CHOICE 90-105# 55.00-70.00. FEEDER LAMBS GOOD 60.00-78.00; EWES 18.00-32.00.

GOATS: LARGE 35.00-55.00/HD.; MEDIUM 25.00-35.00/HD.; SMALL 10.00-19.00/HD.

HORSES: 45.00-61.00, PONIES 20.00-40.00.

Leinbach's Shippensburg Produce Auction

(717)532-5511
Shippensburg, PA
Average Prices Of #1 Produce
December 2 and 7
Price Differences are Quality, Size or Days
Open 11 a.m. Tues. and Thurs.
Report Supplied by Auction

APPLES: 2.00-4.50 ½ BU.

BROCCOLI: 3.50-6.00 14-20 COUNT BU.

CABBAGE: 2.50-4.00 50 LBS.

CAULIFLOWER: SMALL TO LARGE .30-.60 HEAD.

POTATOES: 5.00-7.50 50 LBS. #1, UNCLASSIFIED 3.50-4.00 50 LBS.; ½ BU. 2.00-3.00.

POTTED FLOWERS: SMALL TO LARGE 1.00-4.50 EACH.

SMALL CHRISTMAS TREES #2: 4.00-6.50 EACH.

WREATHS: 3.50-7.00 EACH.

ORANGES: 7.50-12.00 BOX.

GRAPEFRUIT: PINK 10.00-11.50 BOX., WHITE 5.00-7.50 BOX.

SALE DAYS NEXT WEEK ARE TUES. AND THURS, 11 A.M.

Kutztown Produce Auction

Fleetwood, PA
Auction days - Tues. Produce at 10
Sat. Hay and Straw at 9:00 a.m. followed by produce
Dec. 4 thru Dec. 7
Report Supplied by Auction

APPLES: 2.75-4.00 ½ BU.

BROCCOLI: 1.00-2.75 ½ BU.

CAULIFLOWER: .15-.35 HEAD.

CABBAGE: .15-.18 HEAD.

CHRISTMAS GREENS: 1.50-9.00 BUNDLE.

CHRISTMAS TREES: TABLETOP SIZE TO 9 FT. BLUE SPRUCE 7.00-10.00 (CUT); DOUGLAS FIR: 4.50-13.50 (CUT); WHITE SPRUCE: 2.00-5.00 (CUT).

WREATHS 18 INCH TO 32 INCH 3.50-10.50 EACH; 42 INCH TO 72- INCH 20.00-80.00 EACH.

LOGS/PLANTERS DECORATED AND UNDECORATED 1.60-5.00 AND SWAGS 1.50-5.00.

LAST CHRISTMAS TREES AND GREENS AUCTION DEC. 14 AT 11 A.M. FOLLOWING PRODUCE. GENERAL CONSIGNMENT AUCTION ON DEC. 14.

GOOD'S RECEIVING STATION
• Market Hogs
• Sows • Boars
• Cull Pigs
NOW RECEIVING:
Mon. 6:30-11 a.m.
Fri. 6:30-10 a.m.
All market hogs received at receiving station must be scheduled one week in advance
HATFIELD
Rt. 897 - 1 mile North of Fivepointville
(215) 445-5776 • FAX (215) 445-6099

TOWN AND COUNTRY POURED WALLS
• Manure Pits
• Retaining Walls
• House Basements
• Trench Silo Walls
(215) 593-5794
Ask For Ike

STEERS FOR SALE
425 Steers @ 350 Lbs. Each - 125 Steers @ 500 Lbs. Each
TEND-R-LEEN® PROFITABLE @ $3.31 CORN!!
Profit Guide 350 Lbs. To 1225 Lbs. Market

Lbs. Fed	Product #	Description	Prices Cash - 50 Lb. Bag
360 Lbs.	73600	Tend-R-Leen 36% Finisher Concentrate with Bovatec and Oxytetracycline	$ 62.83
60 Lbs.	79600	Tend-R-Leen Free Choice Mineral with Sodium Diacetate	$ 20.78
		TOTAL PENNFIELD COST	$ 83.61
		66.8 Bushel Shelled Corn @ $3.31 Per Bushel	$211.10
		350 Lb. Calf @ $1.00 Per Lb.	$350.00
		TOTAL COSTS	$644.71
		SALE OF 1225 LBS. STEERS @ 67¢ AUGUST '94 MARKET	$820.25
		ESTIMATED NET PROFIT PER STEER	$176.04

or
$5.97 PER BUSHEL SHELLED CORN FED
717-295-8786 Ask For Ray Boll
pennfield feeds

#504 Go-Calf Starter Flakes
Price is for the week of Dec. 13 and Includes 2½ % Cash Discount
pennfield feeds
PA 1-800-732-0467
MD, DE & NJ 1-800-233-0202

KEYSTONE CONCRETE PRODUCTS INC.
477 East Pa[illegible]
New Bl[illegible]
(717) 38[illegible]
"WAFFLE SLAT"
Sm-Con Corporation

Long Core Cattle "Waffle Slats"
5'6"
5'
Outside T-Wall Bunker Silo Sections
Made to be Bolted Together. Can be Dismantled and Reinstalled Easily.

Slatted Heifer Barn
Ends Sections Available For Feed Bunks

Philadelphia Fruit Market

Philadelphia, Pa.
Wednesday, December 8, 1993

CITRUS FRUITS ---GRAPEFRUIT: MARKET STEADY 4/5 buctns FL Indian River Red 18s 8.00-9.00 23s 8.00-9.00 27s 8.00-9.00 fr qual 7.00 32s 8.00 fr qual 7.00 36s 7.50 fr qual 4.00-5.00 mos 5.00 40s 7.00-9.00 fr qual 4.00-6.00 48s 6.00 fr qual 4.00-5.00 56s 5.50-6.00 Star Ruby 36s 10.00 White 40s 8.00 48s 7.00 Interior Red 18s 8.00-9.00 23s 8.00-9.00 27s 8.00-9.00 fr qual 5.00 32s 8.00 fr qual 5.00 36s 7.50 fr qual 5.00 40s 7.00 fr qual 5.00 48s 6.00 fr qual 5.00 56s 5.50-6.50 fr qual 5.00 --- LEMONS: MARKET ABOUT STEADY ctns AZ 115s fr qual few 22.00 140s fr qual few 13.00-14.00 165s fr qual 11.00 CA 95s 34.00 115s 22.00-24.00 140s 16.00 fr qual 13.50 165s 13.00-13.50 fr qual 11.50 200s 12.00 fr qual 11.00 ---LIMES: MARKET SLIGHTLY LOWER 10 lb ctns MX Seedless Type 48s 6.00-6.50 mostly 6.50 few hias 7.50 54s 6.00-6.50 mostly 6.50 few hias 7.50 63s 6.00-6.50 mostly 6.50 few hias 7.50 ---MISC CITRUS: 1/4 buctns FL Kumquats 15.00 2.5 kg crts SP Clementine 36s 5.50-6.00 40s 5.00-5.50 28s 6.00-6.50 10 kg crts SP Clementine 96s 21.00 108s 18.00-21.00 few 22.00 120s 18.00-19.00 few 22.00 140s 18.50 ---ORANGES: MARKET STEADY ctns CA Navel 56s 14.00-15.50 72s 12.50-14.50 fr qual 12.50 88s 12.50-13.50 fr cond 10.00-11.00 fr qual 12.00 113s 11.00-13.00 fr qual 11.00-11.50 fr qual & cond 8.00-9.00 138s 11.00 4/5 buctns FL Navel 48s one label 12.50 64s 10.00 fr cond 7.00-8.00 100s 8.00 fr cond 5.00-6.00 Hamlins 64s 9.00 80s 8.00-9.00 100s 7.00-8.00 125s 6.00-7.00 mostly 6.50 one label 8.50 --- TANGELOS: MARKET STEADY 4/5 buctns FL Orlando 100s 10.50 125s 9.50 --- -TANGERINES: MARKET ABOUT STEADY 1/2 bu ctns CA Fairchild lge 14.00 with stems and leaves 4/5 buctns/crts FL Sunburst 80s 19.00 100s 19.00 120s 14.00-15.00 fr cond 6.00-8.00 150s 12.00 fr cond 6.00-8.00 180s 8.00-10.00 210s 8.00 ---TEMPLES: OFFERINGS NONE.

BERRIES ---BLUEBERRIES: OFFERINGS LIGHT flts 12 5.6-oz cups CL AIR med 30.00-35.00 fr cond loss 22.00 --- CRANBERRIES: ctns 24 12-oz flmbgs MA Late Howe few 35.00 ---MISC BERRIES: flts 12 125gm cups CL AIR Blackberries 15.00-18.00 CR AIR Blackberries 15.00-18.00 GU AIR Blackberries 15.00-18.00 ---RASPBERRIES: MARKET LOWER flts 12 4.4-oz cups flmwrpd CL AIR Red 20.00-24.00 --- STRAWBERRIES: MARKET LOWER flts 12 1-pt bkts CA med-lge one label 26.00 fr cond 15.00-18.00 med 15.00 FL med-lge 18.00 fr cond loss 15.00 MX med-lge fr cond 12.00-15.00 flts 8 250gm cups with lids CB AIR med-lge 14.00 fr cond 12.00.

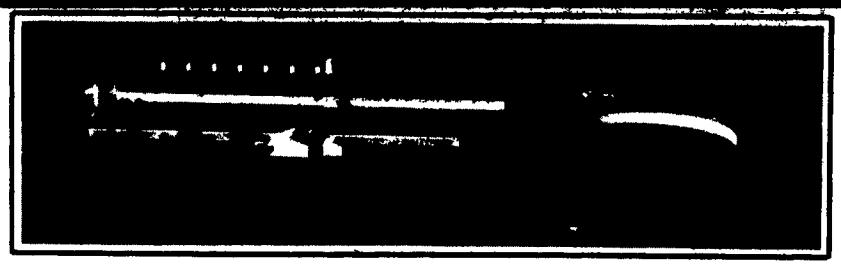
MELONS ---CANTALOUPS: MARKET ABOUT STEADY 1/2 ctns GU 9s 18.00-20.00 12s 22.00-24.00 15s 23.00-27.00 18s 23.00-27.00 23s 25.00 MX 23s 25.00 ---HONEYDEWS: MARKET ABOUT STEADY 2/3 ctns BR 4s 14.00 5s 14.00 6s 14.00 8s 12.00 GU 5s few 15.00 6s few 15.00 8s few 14.00 MX 5s fr cond 10.00-11.00 6s fr cond 10.00-11.00 ---MISC MELONS: 2/3 ctns GU Crenshaw 5s 16.00 6s 16.00 Juan Canary 5s 16.00 8s 16.00 5 kg cntrs EC Pepino 15s 30.00 ---WATERMELONS: OFFERINGS INSUFFICIENT TO QUOTE.

NON-CITRUS FRUITS ---APPLES: MARKET STEADY REGULAR STORAGE ctns trypk CA U.S. ExFcy Granny Smith 72s 24.00 80s 20.00-23.00 88s 20.00 100s 16.00 Fuji 88s 21.00-23.00 ID IDExFcy Red Delicious 72s 14.00 80s 14.00 few 15.00 88s 14.00 few 15.00 100s 14.00 113s 14.00 125s 12.00-13.00 IDFcy Red Delicious 100s 12.00-13.00 WA WAExFcy Red Delicious 64s 20.00 72s 20.00 80s 18.50 88s 18.50 #2 16.00 100s 16.50-17.50 113s 16.50 #2 14.00 Golden Delicious 80s 32.00 88s 31.00 100s 23.00 113s 20.00 Granny Smith 88s 22.00 100s 17.00 U.S. ExFcy Golden Delicious 100s 18.00-20.00 125s 14.00-15.00 WAFcy Red Delicious 80s 12.00-12.50 88s 12.00-12.50 100s 12.00-12.50 113s 12.00 ctns celpk NY U.S. One Mcintosh 80s 10.00 100s 9.00 VT U.S. One Mcintosh 80s 9.50 100s 9.50 ctns 12 3-lb flmbgs NY U.S. Fcy Mcintosh 2 1/4" min 9.00 --- APRICOTS: TOO FEW SALES TO QUOTE ---AVOCADOS: OFFERINGS LIGHT ctns 2 lyr CL Hass 60s 35.00 ctns 1 lyr CL Hass 16s 15.00 18s 15.00 --- BANANAS: 40 lb ctns IMPORT 10.50 fr qual 9.00 few 6.50-8.00 40 lb ctns bagged IMPORT 10.50 ctns institutional pk IMPORT petite 12.00 ---CHERRIES: OFFERINGS INSUFFICIENT TO QUOTE ---FRUITS OTHER: ctns 1 lyr CR Carambola - Star Fruit 25s 15.00 passion fruit 10-lb ctns mx 40.00 ---GRAPES: MARKET STEADY 23 lb lugs CA Ribiers 13.00-15.00 Calmeria 13.00-15.00 Emperor 13.00-14.50 Red Globe few 23.00 20-21 lb lugs bgd CA Thompson Seedless ord cond 3.00-5.00 Ruby Seedless 13.00-15.00 mostly 14.00 ord cond 5.00-6.00 Ribiers 12.00-13.00 20-21 lb lugs wrpd CA Italia 11.00-12.00 18 lb lugs bgd CA Ruby Seedless lge 18.00-19.00 18 lb lugs wrpd CL Perlette 30.00 occ 29.00 Flame Seedless 28.00 16 lb lugs bgd CA Thompson Seedless 20.00-21.00 16 lb lugs wrpd CA Thompson Seedless lge 18.00-22.00 one label 28.00 Red Seedless 26.00 Black Seedless 16.00-17.00 Emperatriz 25.00 --- KIWIFRUIT: MARKET STEADY flts 1 lyr CA 36s 7.50-8.00 39s 7.00-7.50 mostly 7.00 NZ 39s 7.00 42s 7.00 ctns 23 lb lse CA 49 sz 13.50 46 sz 13.50 --- MANGOES: ctns 1 lyr BR Tommy Atkins 9s 10.50 12s 12.50 ---NECTARINES: OFFERINGS INSUFFICIENT TO QUOTE ---PAPAYA: 10 lb ctns JM 10s 9.50 12s 13.00 ---PEACHES: OFFERINGS LIGHT lugs 2-lyr trypk CL Springcrest 70 series few 10.00 ---PEARS: MARKET STEADY 4/5 buctns wrpd OR U.S. One D'Anjou 100s 19.00 Bosc 70s 23.00 80s 23.00 90s 23.00 100s 21.00 120s 20.00 ORFcy Bosc 110s 22.00 WA U.S. One D'Anjou 70s 19.00 80s 19.00 100s 18.50 120s 16.50 135s 15.50 WAExFcy D'Anjou 100s 18.00 120s 16.00 --- PERSIMMONS: MARKET STEADY ctns 1 lyr CA Fuyu 18s 8.00-9.00 mostly 8.00 20s 7.00 occ 6.50 24s 5.00 Hachiya 20s 6.00-8.00 24s 5.00-6. 00 27s one label 7.00 ---PINEAPPLES: ctns HI AIR 6s 12.00 ---PLANTAINS: OFFERINGS INSUFFICIENT TO QUOTE ---PLUMS: OFFERINGS INSUFFICIENT TO QUOTE --- POMEGRANATES: OFFERINGS LIGHT lugs 2-lyr CA Wonderful 20s 26.00 30s 21.00 42s 20.00 ---PRUNES: OFFERINGS NONE.

milk
CLASSIC & CONTEMPORARY

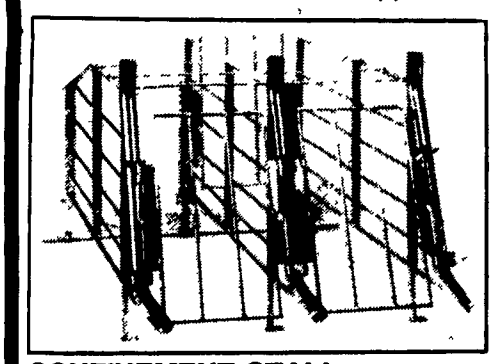
SALES SERVICE QUALITY INSTALLATION

TRI-COUNTY CONFINEMENT SYSTEMS, INC.
Total Swine Confinement Systems Center



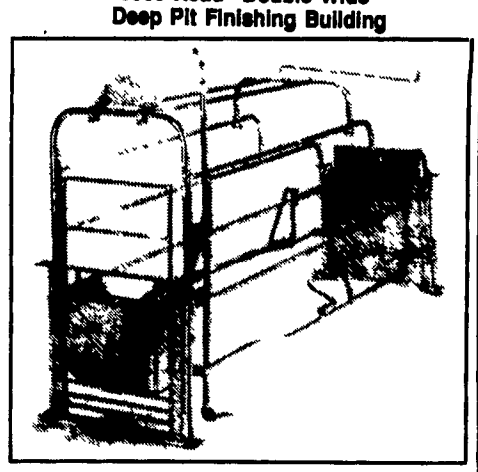
Recently Completed 1200 Sow Feeder Pig Unit
Tunnel Ventilated Gestation (4) Farrowing Rooms (7) Nursery Rooms

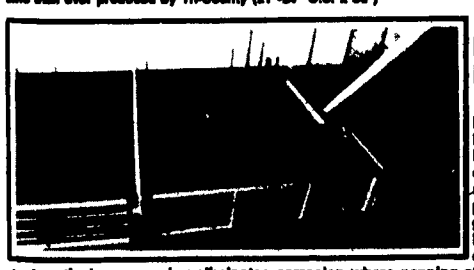
3000 Head "Double Wide"
Deep Pit Finishing Building



CONFINEMENT STALL
Developed recently in our R&D farm. Our goals were convenience, safety and durability. The low back and flat top rails are easy to reach over, with no sharp edges. Stainless steel rear legs and front feet along with solid steel horizontal rods through punched uprights provide the strongest, most durable stall ever produced by Tri-County (21"-24" O.C. x 86")

PIG SAVER
"DUTCH CRATE"
Developed through testing in our research farms the goal was to develop a crate that nearly eliminates crushing, due to lay ons, unmatched durability and be easy to work around. All this has been achieved by a unique gravity fill-rail that forces sows to lie down slowly and using stainless steel for rear doors and legs, proven horizontal and solid steel rod construction. All this at a reasonable cost. Crate also can be installed on an angle.





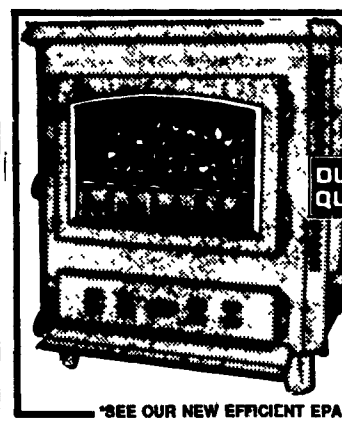
NURSERY PENNING
Nursery penning has been improved by the use of an optional solid stainless steel panel on the front gates which keeps walkways clean. Stainless steel verticals on penning eliminates corrosion where penning attaches to the floor. Stainless steel drinker pipes & mounting brackets also increase durability.

FINISHING PENNING
Optional stainless steel verticals and fasteners offer improved durability over other similar types of penning. Loop and flapper latch arrangement, eliminates the use of drop pins. Stainless steel fence line feeders provide excellent durability and a minimum of waste.

NEED MORE FARM INCOME? Feeder Pig & Finishing Units Have Proven To Be An Excellent Source Of Full Or Part-Time Income For Many Successful Producers. Tri-County Can Assist You With Cash Flows - Financing - Nutrient Management- Building Permits

CHECK OUR PRICE BEFORE YOU BUY!

TRI-COUNTY
CONFINEMENT SYSTEMS, INC.
6061 E. Evergreen Rd. Lebanon PA 17042 717 274-3488
Hours
Mon.-Fri.
8:00 to 12:00
WE SHIP UPS DAILY



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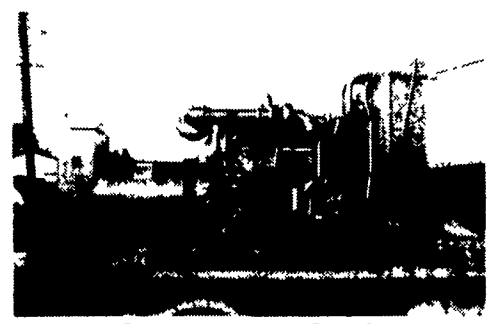

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Philadelphia Vegetables

Philadelphia, Pa.

Wednesday, December 8, 1993

VEGETABLES ---ARTICHOKES: OFFERINGS LIGHT ctns CA 24s 25.00 CL 36s 25.00 ---ASPARAGUS: MARKET LOWER 11 lb ctns/crts bchd CL 12s lge few 15.00 12s std few 15.00 PE 12s jbo 16.00-19.00 12s exlge 16.00-19.00 12s lge 16.00-19.00 12s std 16.00-19.00 12s sml 16.00-19.00 12 lb ctns bchd MX 12s lge 16.00-18.00 12s sml 15.00 ---BEANS: MARKET LOWER buctns/crts FL Round Green Type 12.00-13.00 few 15.00 some loas 10.00 fr qual loas 8.00 Wax Type few 15.00 ---BEETS: MARKET STEADY ctns bchd MX 12s 8.00 crts bchd TX 12s 8.00 25 lb sks lse CD med 6.00 NJ med 7.00 bubkts NJ med 10.00-12.00 --- BROCCOLI: MARKET ABOUT STEADY ctns CA bchd 14s 8.00-9.00 mostly 8.00 fr cond 5.00 bchd 18s 8.00-9.00 ---BRUSSELS SPROUTS: MARKET STEADY 25 lb ctns CA 13.00 ---CABBAGE: MARKET ABOUT STEADY 1 3/4 bucrts & 50 lb ctns GA Round Green Type med 7.00 fr appear 5.00-6.00 Red Type med 6.00-7.00 mostly 6.50-7.00 NJ Red Type med poor cond 1.00-2.00 NY Round Green Type med 6.00-6.50 Red Type med 7.00-8.00 mostly 7.00 PA Round Green Type med 6.00 SC Round Green Type med 6.75-7.00 VA Round Green Type med fr appear 5.00-6.00 50 lb sks NY Round Green Type lge 4.50-5.00 40 lb ctns GA Savoy Type med 7.00 NY Savoy Type med 7.00 --- CARROTS: MARKET ABOUT STEADY sks 48 1-lb flmbgs CA Topped med-lge 9.00-10.00 CD Topped med-lge 8.00-8.50 50 lb sks lse CA Topped jbo 9.00-10.00 fr cond 8.50 CD Topped jbo 8.50 few 9.00 ctns bchd CA Bunched 24s 11.00-11.50 --- CAULIFLOWER: MARKET LOWER ctns flmwrpd CA 12s 12.00 fr cond 11.00 9s 11.00 FL 16s 7.00-8.00 ---CELERY: MARKET FL HIGHER, CA ABOUT STEADY ctns CA 2 dz 11.00-13.00 occ hgr few 10.00 2 1/2 dz 11.00-12.00 mostly 11.00 few hgr few 10.00 FL 2 dz 12.00 2 1/2 dz 10.00 flmwrppd 13.00 3 dz 10.00 4 dz 9.00 ctns flmbgs FL Hearts 18s 10.00-12.00 ---CHINESE CABBAGE: MARKET ABOUT STEADY celcrts FL 10.00-12.00 mostly 10.00-11.00 ---CORN-SWEET: OFFERINGS LIGHT wbcrts FL Yellow 4 dz min fr qual 8.00-9.00 --- CUCUMBERS: OFFERINGS LIGHT WAXED UNLESS OTHERWISE STATED 1 1/9 buctns FL med 22.00 fr qual 18.00 ctns FL 24s fr appear 5.00-7.00 1 1/9 bucrts MX Pickles unwaxed lge fr cond 6.00-9.00 300-400s fr cond 11.00-14.00 ---EGGPLANT: MARKET SLIGHTLY LOWER 1 1/9 buctns FL med 7.00-8.00 fr qual 5.00-6.00 few 4.00 --- ENDIVE: MARKET SLIGHTLY LOWER 1 1/9 buctns/crts FL 6.00 few 6.50 10 lb ctns BL Witloof 11.00 ---ESCAROLE: MARKET SLIGHTLY LOWER 1 1/9 buctns/crts FL 6.00-7.00 mostly 6.00-6.50 ---GARLIC: MARKET LOWER 30 lb ctns CA White col 27.00 super jbo 25.50 exjbo 24.00 CQ White super jbo 16.00-17.00 ---GREENS: MARKET ABOUT STEADY crts bchd FL Swiss Chard 24s 10.00 NC Collard 6.00 Kale 6.50 Mustard 6.50 Turnip Tops 6.50 with root 7.00 Rape 6.50 NJ Collard 5.00-5.50 Kale 5.50 PA Collard 5.00-5.50 Kale 5.50 VA Collard 5.50-6.00 Kale 5.00-6.00 Turnip Tops 5.00-6.00 crts lse NC Field Cress 8.00 ctns lse NJ Kale red 24s 10.00 20 lb ctns MX Broccoli Rabe 12.00 ord cond 5.00-6.00 ---LETTUCE-ICEBERG: MARKET ABOUT STEADY ctns AZ 24s 7.00-9.00 mostly 7.00-8.00 one label hias 10.00 fr qual or cond 5.00-6.00 Wrapped 24s 7.00-8.00 few 6.00 30s 6.00-7.00 few 5.00 CA 24s 7.00-8.00 some 6.00 Wrapped 30s 6.00-7.00 few 5.00 NJ 24s few 5.00 --- LETTUCE-OTHER: MARKET ABOUT STEADY ctns AZ Boston 24s 8.00 Green Leaf 24s 6.00 few lwr Red Leaf 24s 6.00 few lwr CA Boston 24s 9.00-10.00 Green Leaf 24s 7.00-9.00 occ hgr fr cond loas 4.00 Red Leaf 24s 7.00-9.00 mostly 8.00-9.00 occ hgr FL Boston 24s 8.00 Green Leaf 24s 7.00-8.00 Bibb 24s 8.00 --- LETTUCE-ROMAINE: MARKET ABOUT STEADY ctns AZ 24s 6.00-7.00 CA 24s 8.00-10.00 mostly 9.00 occ hgr fr cond loas 5.00 FL 24s 6.00-8.00 1.3 bucrts CA 24s 11.00-13.00 mostly 11.00-11.50 --- MUSHROOMS: MARKET STEADY 10 lb ctns PA lge 11.00-12.00 mostly 11.50-12.00 med 9.00-9.50 4 qt bkts PA med-lge 4.75-5.00 few 4.50 sml-med 3.75-4.00 5 lb ctns PA Portobellas 12.00-13.00 3 lb ctns PA Shiitake 14.00-16.00 fr qual 13.00 few 13.50 ctns 10 12-oz trays flmwrpd PA 9.00-9.50 mostly 9.00 ---OKRA: OFFERINGS INSUFFICIENT TO QUOTE ---ONIONS GREEN: MARKET SLIGHTLY HIGHER ctns bchd MX 48s 7.00 few 8.00 fr qual 5.50-6.00 crts bchd FL Leeks 12s 12.00 NJ Leeks 12s 10.00 ctns bchd MX Leeks 12s 10.00 ---PARSLEY: MARKET LOWER crts bchd FL Curly 60s 10.00-12.00 few 9.00 fr cond 8.00 Plain 60s 9.00-10.00 ctns bchd TX Curly 60s 10.00-11.00 Plain 60s 10.00-12.00 mostly 11.00 ---PARSNIPS: 1/2 buctns/crts NJ 12.00 ---PEAS GREEN: MARKET ABOUT STEADY 10 lb ctns per lb GU Sugar Peas .70-.85 mostly .70 some .60 Sugar Snap Peas 1.50-2.00 mostly 1.50 ---PEAS OTHER: OFFERINGS INSUFFICIENT TO QUOTE --- PEPPERS: MARKET ABOUT STEADY 1 1/9 buctns FL Bell Type Green exlge fr cond 8.50 lge 8.00-10.00 fr qual 6.00-7.00 fr qual & cond 3.00-4.00 med fr qual 3.00-4.00 sml-med 4.50-5.00 fr qual 3.00-4.00 Mxd Red And Green lge 5.00-6.00 few 4.00 med 4.50-6.00 mostly 5.00 Red exlge fr appear 15.00-18.00 lge 25.00 fr qual 10.00-15.00 med 17.00-18.00 fr qual 12.00 sml fr qual 6.00 -RKET

(Turn to Page A15)

YEAR END SPECIALS

SCHAEFER Ventilation Equipment BARN COOLER FANS

UEBLER Feed Carts

SMC ROLLER MIXERS

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Patz FEED HANDLING EQUIPMENT MANURE HANDLING EQUIPMENT Performance Strong as Steel

LOUDE MANURE PUMPS

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NEW EQUIPMENT SPECIALS — PRICE

JD 672 Hydraulic Drive Rake w/Wheel and New Tires ..... $ 3,450
Demo JD 7600 MF WD Sound Guard, Power Quad, 18.4x38, 14.9x28 AM-FM Stereo $51,950
Demo JD 6300 2 WD, Power Quad, 18.4x34, 10.00x16, Dual PTO, Dual Remote, Big Pump $26,900
New JD 338 Baler w/#40 Ejector $16,700

TRACTORS:

Farmall 656 Diesel Hydro Row Crop $6,450
MF 150 Gas w/Kelly Loader $4,950

USED SKID STEER LOADERS & ATTACHMENTS:

Bobcat 642 Propane Skid SOLD Loader $8,400

PLOWS-MOLDBOARD AND CHISEL:

IH #55 11 Teeth Pull Type Chisel $1,850
IH 9 Teeth 3 Pt. Chisel $1,650
JD 7B 2500 Plow $3,950
JD 1450 6-16" Semi-Mtd. Plow $2,250
JD 1B Roll-Over Plow $1,250
IH 9 Teeth Pull Type Chisel $1,850
JD 2700 6B Auto Reset On-Land Plow $7,450
JD 3200 6x18" Pull Type Auto Reset Plow $3,950
Artsway 12 Ft. 3 Pt. Chisel $1,850
JD 5B Semi-Mtd. Roll-Over Plow $4,850
JD 2700 5x18" Auto Reset Plow $4,500
JD 2500 5x18" Auto Reset On-Land Plow $2,950

CULTIPACKERS

Brillion 10' w/Big Shaft $950
Brillion 12' w/Big Shaft $1,250
Brillion 12' Packer w/Transport $1,850
JD 12' Packer $1,250

ROLLER HARROWS AND CULTIMULCHERS

IH #315 12' Roller Harrow $2,850
Brillion 15' Cultimulcher $3,650
IH 315 12' Roller Harrow

MISCELLANEOUS:

Transcraft 42' Drop Deck Trailer, Air Ride, Nice $8,500
Pull Type Spin Spreader $300
JD Quick Hitch Cat. II $195
Several Electric Golf Carts With Chargers ..... Each $750
JD Frt. Mtd. Dozer Blade $2,450
NH Corn Drag $275
Small John Bean Orchard Sprayer $275
JD 145 Loader $2,450

DISCS AND FIELD CULTIVATORS

JD 210 14' Black Gang Disc $3,850
IH 475 20' Hydraulic Wing Disc $4,350
JD BWF 12' Disc $1,850
JD 18' Field Finisher $1,450
JD BWF 12' Disc $1,450
18' Wing Fold Field Cultivator S-Tines $950
JD 235 27' Wing Fold Disc $6,500
JD 6 Row RM Cultivator $750
JD 210 11' Disc, Nice $2,450

Coming In...

9' Grimm Hay Tedder
IH 800 4 Row Plate Planter, Dry Fertilizer And Monitor
JD 11 Row 15" Bean Planter
JD B 16x7 Grain Drill DD w/Grass
Taylerway 20' Hyd. Fold (narrow) Field Cultivator, Tine Harrow

HAY & FORAGE EQUIPMENT:

JD 1 Row, Row Crop Attachment, Nice $550
JD 5½' Pickup Attachment
NH 1010 Bale Wagon $4,350
NH 268 Baler w/Ejector
JD 530 Hydraulic Bale Ejector $1,500
Hesston 1091 Mower Conditioner $2,950
Owatonna 320 Stacker $1,550
NH 495 12' Haybine $4,650
Side Mtd. Hydraulic Drive Highway Mower $1,250
JD 3 Row Row Crop Attch. 30" For Harvester $4,750
NH 770 Harvester With 2 Row Wide Corn Head And Pickup $4,450
IH 430 Baler w/Thrower
JD 35 Harvester With Pickup
Wheel Rake $425
Hesston PT 10 Haybine $950
JD 2 Row 30" Row Crop Attch. For Harvester
JD 3950 Harvester, Sharp
JD 1209 Mower Conditioner $1,650
JD 346 Baler w/#30 Ejector $5,850
NI 402 Rake $850
Hesston 1014 12' Hydro Swing Mower Conditioner $4,250
Wooden Bale Body w/Gear $855
MC Flail Chopper, Like New $1,575
JD 35 Harvester, 540 PTO w/1 Row Row Crop $1,550

ROW CROP CULTIVATORS & ROTARY HOES

JD 8 Ft. 3 Pt. Rotary Hoe $650
JD 12 Ft. 3 Pt. Rotary Hoe $950

COMBINES & PICKERS:

6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
JD #343 3 Row 30" Corn Head $3,650
JD 653 6 Row 30" Bean Head $2,450
JD 13' Quick Tach Rigid Grain Head $1,850
JD 444 4 Row Wide Corn Head $3,650
JD 213 Rigid Head For Side Hill $2,650
NI 2 Row Wide w/Shelter $1,850
MF 410 Gas Combine w/Platform And 4 Row Wide, Nice
JD 4400 Del. Combine, New Engine

PLANTERS & GRAIN DRILLS:

JD 7000 Conservation 6 Row Liquid $9,500
JD Model B 14x7 Double Disc Drill $1,450
JD 8300 21x7 DD Drill $3,450
Oliver 13x7 Grain Drill SD w/Grass, Nice $1,150
MF #43 21x7 Plain Grain Drill $1,050
IH 400 4 Row Air Planter $1,250
JD 7000 6 Row No-Til Planter, Dry Fertilizer $7,450
JD 23x7 DD Drill w/Press Attch. $4,850
Buffalo 2 Row No-T SOLD Planter $450

Store Hours
PARTS- Mon. Thru Fri.
7:30 A.M. To 4:30 P.M.
Sat. 8:00 A.M. To Noon
SERVICE- Mon. Thru Fri.
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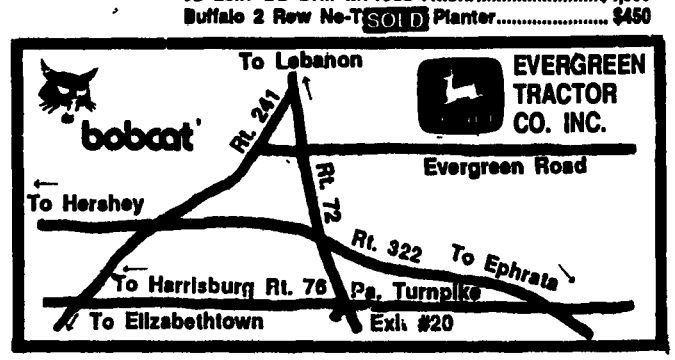

30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

(Continued from Page A14)

ABOUT STEADY ctns tpd 30 6-oz flmbgs FL Red 7.00-8.00 some incl fr cond loss 6.00 ctns tpd 14 1-lb flmbgs FL Red 8.25 fr cond 6.50 ctns bchd MX Red 24s 7.00-7.50 ---RHUBARB: OFFERINGS NONE --- RUTABAGAS: 50 lb ctns CD CDOne med 7.00-8.00 ---SPINACH: MARKET ABOUT STEADY ctns bchd CA Flat 24s 9.00 1 2/5 bucrts bchd CA Flat 24s 12.00 ctns 12 10-oz flmbgs Local Repack Savoy 10.00 cel crt NJ Savoy 7.00 ---SQUASH: MARKET HIGHER 1/2 & 5/9 bucths/crts FL Zucchini sml-med 5.00-6.00 few 7.00-8.00 fr cond 2.00-4.00 med 3.00-4.00 Yellow Straightneck sml-med 5.00-6.00 few 7.00-8.00 med 3.00-4.00 mostly 4.00 28 lb ctns/lugs MX Zucchini sml-med fr cond 5.00 40 lb ctns MX Zucchini med fr cond 4.00 26-28 lb ctns MX Zucchini sml-med fr cond 5.00 ---SWEET POTATOES: MARKET STEADY 40 lb ctns NC U.S. One Jewels cured med 13.00-14.00 fr appear 11.00-12.00 fr qual & appear 5.00-5.50 ---TOMATOES: MARKET HIGHER 25 lb ctns FL Vine Ripes light red xlge fr qual 11.00-12.00 lge fr qual 10.00-11.00 yellow 20 lb ctn ca lge 30.00 85% U.S. One or Better light red to red xlge 15.00-16.00 lge 13.00-14.00 red med 9.00-10.00 Local Repack 85% U.S. One or Better xlge 13.50 lge 12.50 med 11.50 --- TOMATOES, CHERRY: MARKET ABOUT STEADY flts 12 1-pt bkts FL light to red 10.00-11.00 ---TOMATOES, PLUM TYPE: MARKET HIGHER 25 lb ctns FL light red 10.00-11.00 red 8.00-9.00 ---TURNIPS: 25 lb flmbgs PA Purple Top med 4.50-6.00 mostly 4.50-5.00 --- VEGETABLES OTHER: ctns MX Cactus Leaf 15.00 3 kg ctns GU Radicchio 7.50.

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, December 6, 1993
Report Supplied by Auction

CATTLE 274. STEERS, HIGH CHOICE AND PRIME 68.00-69.50; SELECT 63.50-67.50; STANDARD 56.50-62.50; UTILITIES 56.00 AND DOWN.

HEIFERS: STANDARD 55.00-61.50; UTILITIES 54.50 AND DOWN.

COWS: UTILITY AND COMMERCIAL 43.50-47.50, A FEW AT 51.50; CUTTERS, BONERS AND UTILITIES 41.00-43.00; CANNERS AND LOW CUTTERS 36.50-40.50; SHELLS 35.00 AND DOWN.

BULLS: #1 53.00-61.50; #2 44.00-54.00.

FEEDER STEERS: 200-300 LBS. 66.00-95.00; 300-500 LBS. 56.00-84.00; 500-800 LBS. 49.00-80.00.

HEIFERS: 200-300 LBS. 60.00-88.00; 300-500 LBS. 55.00-80.00; 500-800 LBS. 48.00-78.00.

BULLS: 200-300 LBS. 65.00-90.00; 300-500 LBS. 52.50-90.00; 500-800 LBS. 50.00-68.50.

FEEDER CALVES: 157 HEAD. VEALERS CHOICE 92.00-112.00; GOOD 80.00-91.00; STANDARD AND GOOD 65.00-77.50; UTILITIES 60.00 AND DOWN.

FARM CALVES, HOLSTEIN BULLS #1 130.00-175.00; #2 105.00-127.50; BEEF BULLS 90.00-175.00; HOLSTEIN HEIFERS 90.00-185.00; BEEF HEIFERS 85.00-160.00.

HOGS: 115 HEAD. #1&2 220-240 LBS. 39.25-42.50.

SOWS: UNDER 500 LBS. 24.00-34.00; OVER 500 LBS. 31.00-33.00.

BOARS: 28.00-30.00.

FEEDER PIGS: #1&3 20-40 LBS. 10.00-19.50 HEAD; 40-60 LBS. 18.00-21.50; #2&3 75 LBS. 26.00.

SHEEP AND LAMBS: 215 HEAD. HIGH CHOICE AND PRIME 50-75 LBS. 80.50-89.00; 75-100 LBS. 75.00-85.00; CHOICE 50-75 LBS. 76.00-81.50; 75-100 LBS. 70.00-77.00; 125 LBS. 62.00; FEEDER LAMBS GOOD AND CHOICE 66.00-79.00; UTILITIES 65.00 AND DOWN; EWES 26.00-30.50.

GOATS: 31 HEAD. LARGE 42.00-81.20; MEDIUM 30.00-45.00; SMALL 26.00-47.00.

Carlisle Livestock Market

Carlisle, Pa.
Tuesday, December 7, 1993
Report Supplied by Auction

SLAUGHTER STEERS: SELECT 900-1000 LBS. 63.00-65.00.

SLAUGHTER HEIFERS: SELECT 800-1050 LBS. 60.25-65.50.

SLAUGHTER COWS: ACTIVE! STRONG DEMAND FOR EARLYBIRD PENS. BREAKING UTILITY AND COMMERCIAL 46.00-48.50; CUTTER AND BONING UTILITY 44.00-47.75; CANNER AND LOW CUTTER 42.00-45.25; BIG MIDDLE 43.00-46.50; SHELLY 41.00 AND DOWN.

SLAUGHTER FAT BULLS: 54.50-56.50.

FEEDER CATTLE: FEEDER STEERS 400-850 LBS. 69.00-93.00.

FEEDER HEIFERS 600-750 LBS. 72.00-75.00; 800-950 LBS. 60.00-68.00.

FEEDER BULLS: 550-850 LBS. 60.00-75.00.

VEAL CALVES: STRONG DEMAND FOR CALVES RETURNING TO THE FARM. CHOICE 85.00-95.00; STANDARD 60.00-70.00.

HOLSTEIN FARM BULLS: 95-130 LBS. 155.00-168.00; UNDER 95 LBS. TO 160.00.

HOLSTEIN FARM HEIFERS: 187.50-200.00.

SWINE: BARROWS AND GILTS US#1-3 220-270 LBS. 39.00-41.00; OVER 280 LBS. 37.00-37.75; UNDER 200 LBS. 32.00-36.00.

SOWS: 335-500 LBS. 30.50-33.00.

BOARS: 300-600 LBS. 27.00-28.00, COUPLE 29.00-35.50.

FEEDER PIGS BY THE HEAD, 18-25 LBS. 21.00-27.00; 35-40 LBS. 28.00-32.00.

SHEEP: 23.00-51.00.

LAMBS: CHOICE 40-60 LBS. 117.50-145.00; CHOICE 75-90 LBS. 70.00-95.00; GOOD 50-70 LBS. 82.50-95.00; GOOD AND CHOICE 90-120 LBS. 61.00-69.00.

GOATS: BY THE HEAD, LARGE BILLY 100.00-150.00; NANNY 70.00-90.00; SM/MED/KIDS 20.00-57.50.

SALE EVERY TUESDAY: PRODUCE, RABBITS, POULTRY AND EGGS - SALE TIME 5 P.M. RECEIVING 4 P.M. LIVESTOCK SALE TIME 7 P.M.

NAME: Jeff Wolgemuth
TITLE: Senior Loan Officer
Lancaster Branch
EDUCATION: BA/Millersville University
FARMING BACKGROUND
Raised on family farm, 9 years experience poultry & dairy farming
BANKING BACKGROUND: 7 years experience with other financial institutions

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But underneath the shirt and tie, you'll find the one thing the other banks don't offer. A fellow farmer

Most Farm Credit loan officers were born and raised on farms and got their college degrees from ag schools. Nearly all of them grew up with 4-H and the Future Farmers of America.

And, if that's not enough, every single one of our loan officers goes through the toughest ag lending training program in America.

That means when you talk to a Farm Credit loan officer about any kind of ag loan, you won't have to waste your time translating to someone who's book smart but farm foolish

What's more, because Farm Credit loan officers understand farming as well as they understand finances, they're not only smarter, they're faster After all, they have the same loan closing authority as many local bank presidents.

So when you need competitive rates or creative options, see your local Farm Credit banker Because nobody knows the field better

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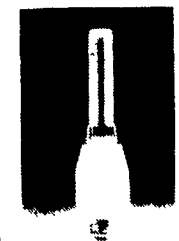

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- Durable Polycarbonate Housing
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13 Watt..... $5.79 each
New Sealed Center Mount!

3000	5	25 WATTS	250
3200	7	40 WATTS	400
3500	9	60 WATTS	600
3700	13	75 WATTS	900
3000	22	90 WATTS	1300

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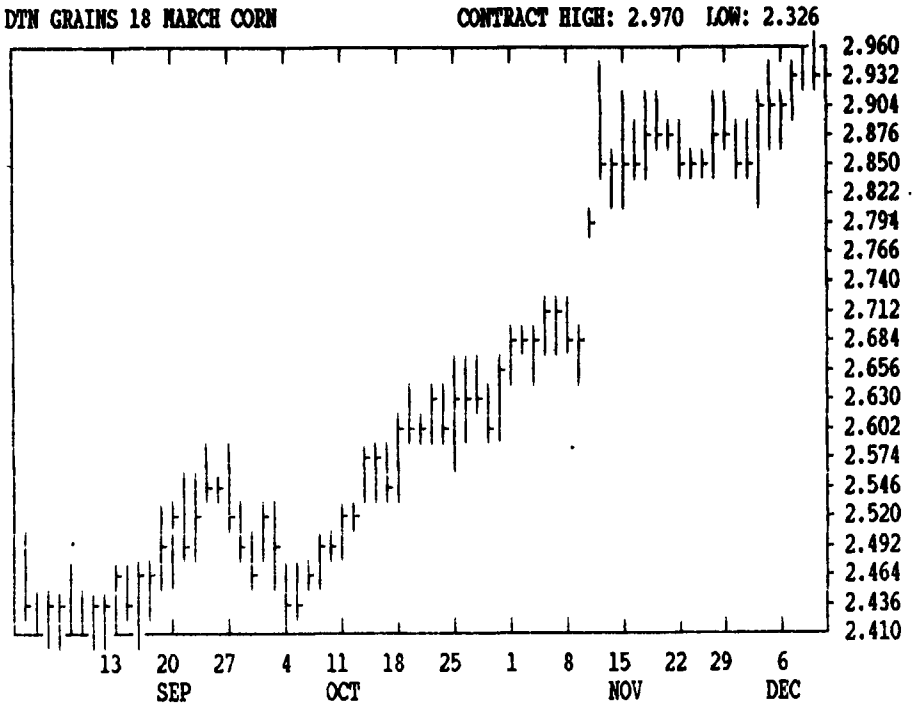
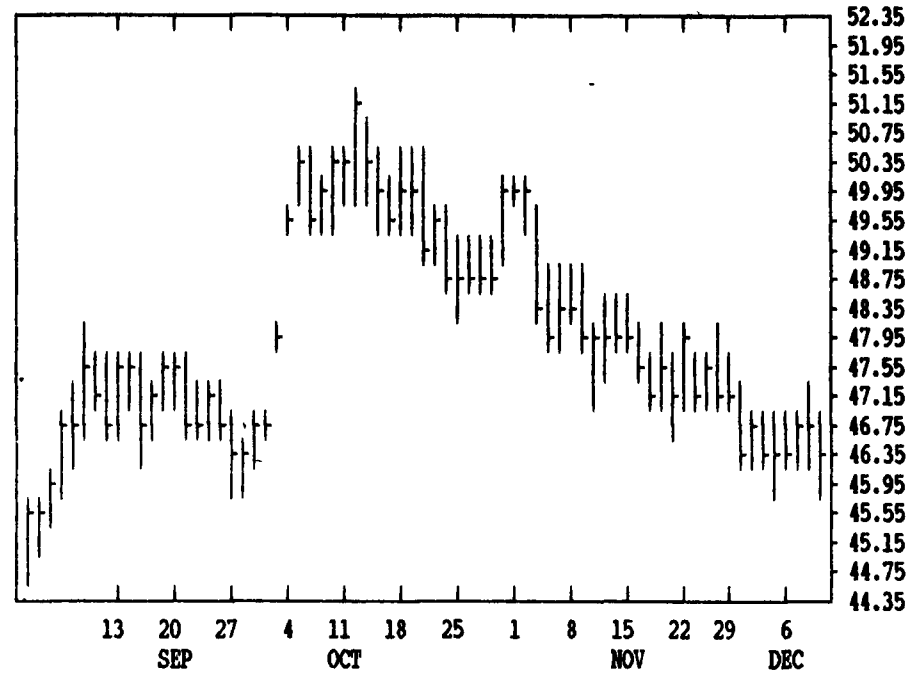
GRAIN, CATTLE AND HOG FUTURES MARKETS

(Closing bids: Thursday, December 9, 1993)

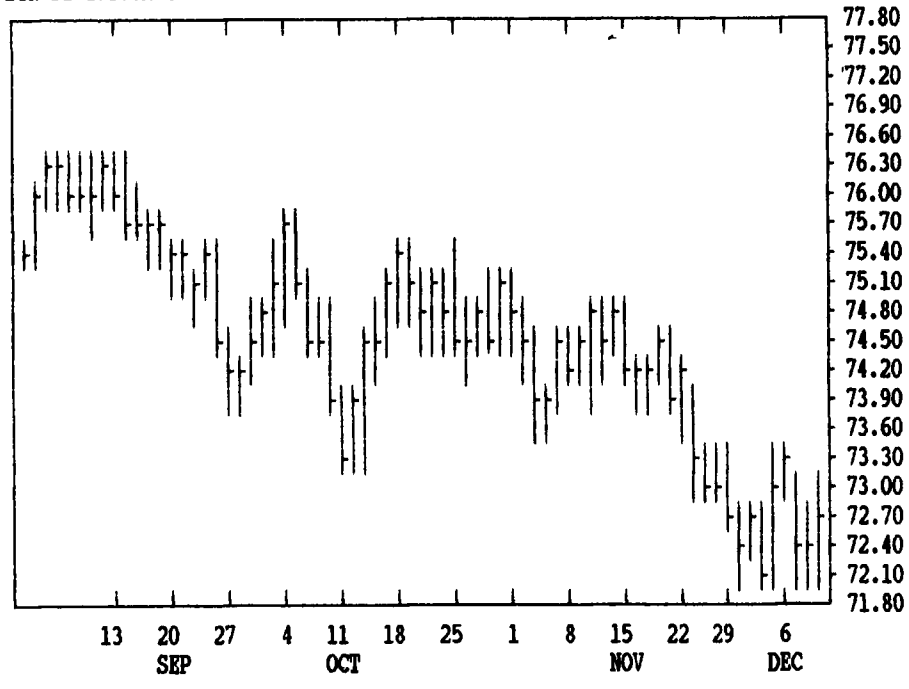
DTN GRAINS 18 MARCH CORN CONTRACT HIGH: 2.970 LOW: 2.326



DTN LIVESTOCK 18 FEBRUARY LIVE HOGS



DTN LIVESTOCK 19 FEBRUARY LIVE CATTLE



DTN FUTURES 14 12/09/93 — TECHNICAL POINTS — SLOW STOCHASTIC

PRICES ARE DECIMAL			MOVING AVERAGES			RSI'S			5 DAY		20 DAY	
CONTRACT		CLOSE	4-DAY	9-DAY	18-DAY	45-DAY	9DAY	14DAY	30DAY	%K	%D	%K	%D
WHEAT	DEC	360.25	364.50	359.11	356.43	341.91	57.4	60.0	60.9	69	82	88	87
WHEAT	MAR	361.25	363.06	358.31	354.93	340.89	66.1	66.5	64.3	78	86	92	90
KCWHT	DEC	381.50	380.69	377.47	372.85	351.07	71.2	71.3	69.4	93	94	95	89
KCWHT	MAR	368.25	367.81	363.94	359.14	342.14	74.3	72.9	69.0	83	86	94	90
MNWHT	DEC	417.00	415.37	408.50	403.81	371.79	66.1	67.2	67.3	78	75	81	73
CORN	DEC	287.75	287.56	284.67	282.54	267.03	68.3	69.4	67.4	87	88	91	87
CORN	MAR	295.25	294.50	291.19	289.31	274.47	72.2	71.8	68.6	92	91	92	85
CORN	MAY	298.25	297.19	293.81	291.86	277.86	73.9	73.1	69.2	93	92	90	82
OATS	DEC	134.00	133.00	131.36	131.94	134.68	57.7	52.8	48.9	83	79	44	33
BEANS	JAN	684.25	683.44	680.08	682.33	653.47	60.5	61.3	58.7	84	82	73	72
BEANS	MAR	691.25	690.25	686.72	688.40	659.87	61.0	61.6	59.0	86	83	78	76
BEANS	MAY	693.00	691.87	688.25	689.82	662.39	60.8	61.2	58.7	86	83	78	76
MEAL	DEC	205.80	206.92	206.77	208.36	201.05	44.7	50.7	53.5	50	58	39	48
BNOIL	DEC	26.82	26.96	26.67	26.51	24.60	61.7	64.3	63.2	82	87	93	90
CATTLE	DEC	71.78	71.46	71.56	72.39	73.24	45.2	43.3	43.3	37	42	22	17
CATTLE	FEB	72.93	72.85	72.76	73.33	74.09	44.9	43.0	43.2	41	52	28	23
FCTL	JAN	82.40	82.24	81.83	81.98	83.07	53.3	49.3	45.9	67	68	55	39
HOGS	DEC	43.78	44.13	44.70	45.22	47.27	25.7	29.8	38.7	16	16	6	10
HOGS	FEB	46.35	46.65	46.67	47.10	48.43	34.7	37.2	44.5	59	59	21	17
PKBLS	FEB	55.10	53.38	52.52	53.43	55.88	60.7	54.5	52.7	90	83	46	28

LIVE CATTLE

	HIGH	LOW	LAST	CHG
DEC	7182	7077	7177*	+90
FEB	7305	7230	7292*	+35
APR	7555	7510	7547*	+12
JUN	7350	7325	7330*	-5
AUG	7215	7180	7192*	-5
OCT	7205	7185	7195*	-5
DEC	7290	7280	7287*	-5
FEB				0

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
JAN	8245	8195	8240*	+37
MAR	8075	8010	8065*	+50
APR	8037	7970	8027*	+50
MAY	8005	7965	7995*	+30
AUG	8110	8052	8100*	+45
SEP	8030	8010	8020*	+25
OCT	8000	7975	7985*	+30
NOV	8040	8020	8040*	+45

LIVE HOGS

	HIGH	LOW	LAST	CHG
DEC	4400	4355	4377*	-32
FEB	4665	4607	4635*	-42
APR	4722	4677	4712*	-10
JUN	5300	5267	5287*	0
JLY	5255	5225	5250*	0
AUG	5110	5085	5110*	+2
OCT	4735	4705	4720*	+7
DEC	4865	4840	4865*	-5

SWISS FRANC

	HIGH	LOW	LAST	CHG
DEC	6859	6859	6859*	+37
MAR	6852	6804	6845*	+38
JUN	6810	6800	6806*	+2

CANADIAN DOLLAR

	HIGH	LOW	LAST	CHG
DEC	7570	7523	7524*	-31
MAR	7523	7503	7523*	+11
JUN	7525	7500	7500*	-32

PORK BELLIES

	HIGH	LOW	LAST	CHG
FEB	5535	5310	5510*	+140
MAR	5555	5340	5550*	+152
MAY	5670	5430	5640*	+157
JLY	5750	5490	5740*	+175
AUG	5500	5315	5490*	+105
FEB				0

BRITISH POUND

	HIGH	LOW	LAST	CHG
DEC	14966	14922	14930*	-32
MAR	14896	14860	14862*	-34
JUN	14850	14800	14808*	-34

US DOLLAR INDEX

	HIGH	LOW	LAST	CHG
DEC	9515	9515	9507a	-28
MAR	9606	9577	9582a	-34

S&P 500 INDEX

	HIGH	LOW	LAST	CHG
DEC	46710	46410	46440*	-150
MAR	46810	46505	46535*	-160
JUN	46895	46610	46635*	-170
SEP	47000	46710	46735*	-185

GERMAN MARK

	HIGH	LOW	LAST	CHG
DEC	5880	5875	5875*	+12
MAR	5850	5823	5837*	+15
JUN	5800	5790	5795*	-2
SEP	5777	5755	5777*	-3

JAPANESE YEN

	HIGH	LOW	LAST	CHG
DEC	9220	9169	9174*	-28
MAR	9250	9191	9200*	-32
JUN	9273	9262	9273*	+15

CORN

	HIGH	LOW	LAST	CHG
DEC	2896	2860	2876*	-22
MAR	2960	2940	2952*	-12
MAY	2990	2966	2982*	-10
JLY	2990	2966	2980*	-6
SEP	2816	2804	2812*	-2
DEC	2654	2640	2652*	+2
MAR	2710	2694	2706*	+4
MAY				0
JLY				0

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
DEC	3620	3580	3602*	-34
MAR	3624	3594	3612*	-16
MAY	3420	3394	3406*	0
JLY	3290	3264	3276*	+4
SEP	3310	3286	3294*	-6
DEC	3394	3376	3380*	-14

K.C. WHEAT

	HIGH	LOW	LAST	CHG
DEC	3820	3790	3814*	-6
MAR	3692	3664	3682*	-12
MAY	3454	3432	3450*	-4
JLY	3264	3244	3256*	+2
SEP	3274	3260	3266*	0

SOYBEANS

	HIGH	LOW	LAST	CHG
JAN	6872	6826	6842*	-14
MAR	6940	6896	6912*	-20
MAY	6960	6920	6930*	-16
JLY	6966	6924	6940*	-20
AUG	6920	6884	6904*	-6
SEP	6650	6620	6626*	+2
NOV	6424	6390	6394*	-12
JAN	6480	6450	6450*	-10
MAR	6550	6504	6504*	-10
NOV			6240*	-14

OATS

	HIGH	LOW	LAST	CHG
DEC	1340	1324	1340*	+2
MAR	1400	1382	1392*	+2
MAY	1434	1422	1430*	+2
JLY	1462	1444	1456*	+4

MINN WHEAT

	HIGH	LOW	LAST	CHG
DEC	4170	4160	4170*	-30
MAR	3870	3824	3830*	-54
MAY	3600	3550	3586*	+2
JLY	3430	3400	3424*	+12
SEP	3320	3294	3300*	-20

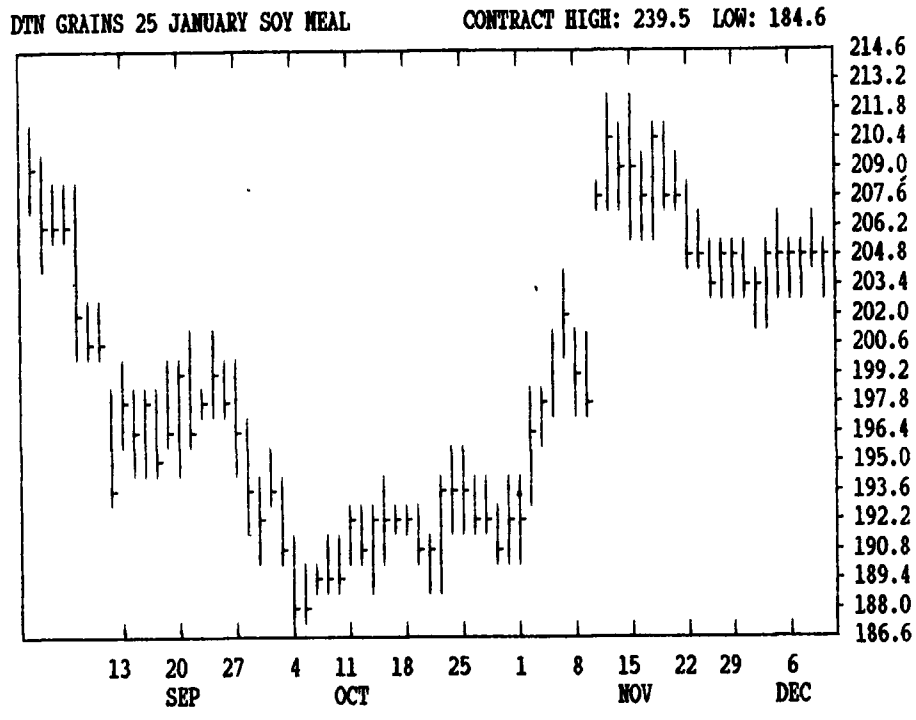
SOYBEAN MEAL

	HIGH	LOW	LAST	CHG
DEC	2071	2055	2058*	-18
JAN	2053	2040	2046*	-8
MAR	2052	2040	2047*	-6
MAY	2050	2040	2046*	-4
JLY	2050	2041	2048*	-5
AUG	2045	2040	2040*	-4
SEP	2025	2015	2019*	-5
OCT			1994*	+4

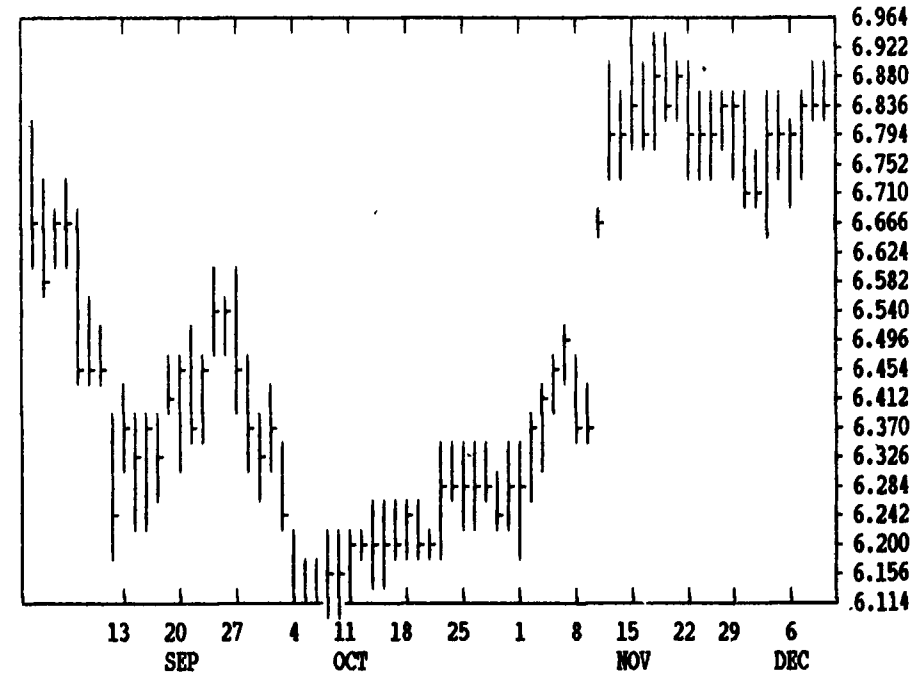
SOYBEAN OIL

	HIGH	LOW	LAST	CHG
DEC	2728	2678	2682*	-33
JAN	2732	2677	2686*	-33
MAR	2731	2680	2689*	-30
MAY	2692	2645	2658*	-27
JLY	2658	2620	2635*	-14
AUG	2615	2580	2588*	-12
SEP	2535	2505	2505*	-22
OCT	2475	2440	2445*	-10

DTN GRAINS 25 JANUARY SOY MEAL CONTRACT HIGH: 239.5 LOW: 184.6



DTN GRAINS 23 JANUARY SOYBEANS CONTRACT HIGH: 7.560 LOW: 5.700



Four States Livestock

Hagerstown, Md.
December 8, 1993
Report supplied by Auction

SLAUGHTER COWS: 98 HEAD, 1.00-2.00 LOWER. UTILITY 42.00-46.00; LOW DRESSING 40.00-42.00; CANNERS 38.00-42.00; SHELLY 38.00 DOWN.

BULLS: YG#1 1450 LBS. TO 60.00; YG#2 TO 57.00; STANDARD TO 51.75.

FED STEERS: CHOICE 1200-1450 LBS. 69.00-70.25; FEW 1000-1200 LBS. 66.00-68.00; SELECT 62.00-66.00.

FED HEIFERS: HIGH CHOICE 1000-1250 LBS. 66.00-69.25; LOW CHOICE 62.00-65.00.

VEAL CALVES: CHOICE, NONE; CULLS 85-110 LBS. 55.00-65.00; 50-80 LBS. 47.00-55.00; WEAK/ROUGH 42.00 DOWN.

FARM CALVES: 5.00-10.00 HIGHER. HOLSTEIN BULLS #1 90-120 LBS. 135.00-164.00; 75-85 LBS. 80.00-125.00; HOLSTEIN HEIFERS, NO HEAVY WEIGHTS; 75-90 LBS. 100.00-152.00.

BUTCHER HOGS: 36 HEAD, PRICES STEADY. US#1&3 240-260 LBS. 38.00-39.25; 280-325 LBS. 37.00-38.50.

SOWS: 1.00 LOWER. 300-475 LBS. 28.00-31.00; 500-700 LBS. 31.00-33.00.

BOARS: 400-650 LBS. 26.00-27.75.

STOCK CATTLE: 141 HEAD, PRICES LOWER. STEERS 300-500 LBS. 75.00-89.00; 500-700 LBS. 68.00-80.00; 700-900 LBS. 65.00-75.00; 900-1000 LBS. 62.00-68.50.

HEIFERS: 300-500 LBS. 65.00-75.00; 500-700 LBS. 60.00-70.00; 700-900 LBS. 55.00-65.00.

BULLS: 300-500 LBS. 75.00-85.00; 500-700 LBS. 65.00-73.00; FEW 1000-1100 LBS. 51.00-61.75.

DAIRY REPLACEMENTS: LARGE FRESH AND SPRINGING 900.00-1200.00; MEDIUM TO 825.00; HOLSTEIN HEIFERS BY THE POUND 300-500 LBS. 70.00-87.00; HOLSTEIN BULLS 800-1100 LBS. 57.00-61.00.

SHEEP: 17.00-25.00.

LAMBS: 45 HEAD, GOOD DEMAND. CHOICE 100-120 LBS. 64.00-71.00; 90-100 LBS. TO 74.00; 70-80 LBS. 79.00-93.00; 60-70 LBS. 78.00-98.00; 40-60 LBS. TO 107.00.

PIGS AND SHOATS: 35 HEAD, BY THE HEAD FROM TESTED HERDS, 25-35 LBS. 23.00-27.00; 10 HEAD 46 LBS. AT 29.00.

GOATS: NONE.

SPECIAL DAIRY CONSIGNMENT SALE WED., DEC. 15. PROMISED: 1 PUREBRED JERSEY BULL, 3 YRS. OLD.

FOUR STATES LUNCH ROOM BUSINESS AVAILABLE AFTER DEC. 22. ANYONE INTERESTED IN TAKING OVER THE WED. LUNCH ROOM SHOULD CONTACT FOUR STATES (301)733-8120.

Estimated Daily Livestock Slaughter

Under Federal Inspection
December 8, 1993

	CATTLE	CALVES	HOGS	SHEEP
WEDNESDAY (EST)	127,000	4,000	367,000	20,000
WEEK AGO (EST)	126,000	5,000	367,000	20,000
YEAR AGO (EST)	122,000	5,000	368,000	21,000
WEEK TO DATE (EST)	375,000	14,000	1,071,000	57,000
SAME PD LT WK (EST)	360,000	15,000	1,079,000	61,000
SAME PD LT YR (ACT)	347,000	17,000	1,085,000	62,000

PREVIOUS DAY ESTIMATED STEER AND HEIFER 101,000, COW AND BULL 28,000.

*****REVISION TUESDAY HOG SLAUGHTER...370,000.**

Frederick Livestock Auction

Frederick, Md.
December 6, 1993
Report Supplied by Auction

SLAUGHTER COWS: 63 HEAD, 1.00-2.00 LOWER. UTILITY 43.00-47.00; HIGH DRESSING 48.00-49.75, 1 AT 52.00; CANNERS 39.00-43.00; SHELLY 39.00 DOWN.

BULLS: NONE.

FED STEERS: NONE.

HEIFERS: FEW OFFERED; HOLSTEINS TO 47.50.

VEAL CALVES: CHOICE 200-300 LBS. 89.00-93.00; CULLS 85-110 LBS. 52.00-63.00; 50-80 LBS. 45.00-54.00; WEAK/ROUGH 40.00 DOWN.

FARM CALVES: GOOD DEMAND! HOLSTEIN BULLS #1 95-120 LBS. 135.00-160.00; 85-90 LBS. 100.00-137.00; #2 75.00-100.00; HOLSTEIN HEIFERS #1 95-125 LBS. 140.00-180.00; #2 80-100 LBS. 100.00-135.00; BEEF X BULLS TO 170.00; HEIFERS TO 150.00.

BUTCHER HOGS: SMALL RUN. US#1&3 215-260 LBS. TO 40.50; 280-300 LBS. 38.00-41.00.

SOWS: 400-500 LBS. TO 31.50; THIN 200-350 LBS. 24.00-27.50.

BOARS: 1 890 LB. AT 27.25.

STOCK CATTLE: STEERS, FEW OFFERED.

HEIFERS: 300-500 LBS. 70.00-73.00; 500-700 LBS. HOL 58.00-67.00; ANGUS 700-800 LBS. 56.00-58.00.

BULLS: 1 HOL 350 LB. AT 65.00; 1 MED. FRESH HEIFER AT 850.00.

SHEEP AND LAMBS: NONE.

GOATS: NONE.

PIGS AND SHOATS: BY THE HEAD 30-40 LBS. 20.00-29.00; BY THE POUND 5 HEAD 57 LBS. AT 72.00.

HATFIELD QUALITY MEATS WEIGHT AND GRADE PROGRAM...BASE PRICE 42.75 AT PLANT, PLUS BONUS ON QUALITY HOGS. BUYING STATION IS HELD EVERY TUES. AT FOUR STATES IN HAGERSTOWN.

Friend's Stockyard Inc.

Accident, Md. 21520
Report Supplied by Auction
December 6, 1993

STOCK BULLS AND STEERS (200-500 LBS.) 75.00-87.00.

STOCK HEIFERS 60.00-72.00.

SLAUGHTER STEERS GOOD TO CHOICE 67.50-71.25; MEDIUM TO GOOD 60.00-66.00; HEAVY CHOICE OVER 1450 LBS. 65.00-67.00.

HOLSTEIN STEERS HEAVY 50.00-57.00; LIGHT 48.50-56.00.

SLAUGHTER HEIFERS GOOD TO CHOICE 64.00-70.00; MEDIUM TO GOOD 58.00-63.00.

BULLS HEAVY 52.00-66.50, LIGHT 50.00-57.00.

COWS FEW HIGH DRESSING 45.00-52.50; UTILITY HOLSTEIN 44.00-50.00, CANNERS 38.00-45.50, COMMERCIAL TO GOOD 39.00-44.50, CULL COWS 38.00 AND DOWN.

VEALS GOOD TO CHOICE 70.00-85.00, MEDIUM TO GOOD 50.00-69.00.

BOB CALVES 45.00 AND DOWN.

HOLSTEIN BULL CALVES, RETURN TO FARM (90-120 LBS.) 120.00-161.00.

HOLSTEIN HEIFER CALVES, RETURN TO FARM (100-120 LBS.) 150.00-199.00.

BEEF X CALVES, RETURN TO FARM, UP TO 180.00.

HOGS: TOP QUALITY 41.00-42.25, HEAVY 40.00-41.60, LIGHT 37.00-41.00.

SOWS 28.00-33.00.

MALE HOGS: 23.00-27.00.

LAMBS: 55.00-72.00.

FEEDER LAMBS: 60.00-77.00.

SHEEP: 10.00-24.00.

LIVESTOCK PRICES ARE ALL GIVEN PER HUNDREDWEIGHT!

Valley Stockyards

Athens, Pa.
Monday, December 6, 1993
Report supplied by auction

HOLSTEIN HEIFER CALVES BEST 160.00-200.00.

VEAL CALVES TO 92.00.

VEALER BULL CALVES TO 172.00.

SLAUGHTER CALVES 70.00 AND DOWN.

GRASSERS & FEEDERS 44.00-75.00.

LAMBS 55.00-74.00.

SHEEP 12.00-24.00.

HOGS 200-250 36.00-42.50.

SOWS 22.00-26.50.

BOARS 22.00-30.00.

PIGS 15.00-27.00.

HEIFERS 46.00-54.00.

STEERS 50.00-62.75.

FEEDER STEERS 55.00-85.00.

BULLS 46.00-56.00.

GOOD COWS 44.00-47.00.

COWS MEDIUM 42.00-44.00.

COWS POOR OR SMALL 30.00 AND DOWN.

CATTLE MARKET UNSTEADY.

CALF MARKET STEADY.

HORSES SMALL 325.00.

GOATS: TO 65.00.

REMARKS: BEEF MARKET STILL UNSETTLED.

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"After I lost my tool shed and its contents to a fire, I was amazed when an adjustor from Old Guard showed up the next morning, as promised. I would like to say 'Thank You' to Old Guard for the prompt and personal service."

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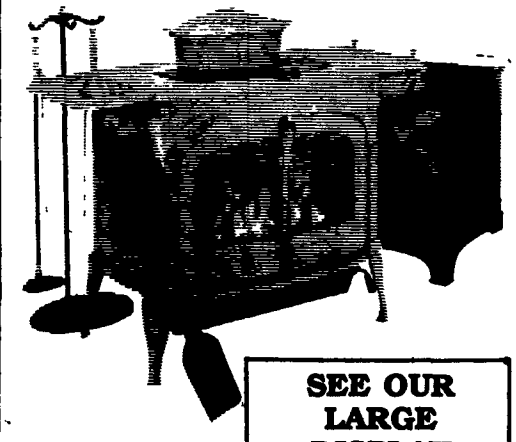

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Mon., Tues., Wed. 10 to 6; Thurs., Fri. 10 to 8; Sat. 10 to 4

Shenandoah Valley Livestock

Harrisonburg, Va.
December 4, 1993
Report supplied by auction

STEERS: M&L-1 300-500 LBS. 93.00-99.50; 500-700 LBS. 79.00-92.00; 700-1000 LBS. 73.25-78.25; HOLSTEIN 300-1000 LBS. 59.00-86.00.

S-L&M&L-2: 300-500 LBS. 76.00-87.50.

FEEDER BULLS: 300-500 LBS. 84.00-92.50; 500-700 LBS. 74.00-81.00.

S-L&M&L-2: 300-500 LBS. 71.00-79.00.

HEIFERS: 300-500 LBS. 76.50-79.50; 500-700 LBS. 68.00-80.00.

S—L&M&L-2: 300-500 LBS. 71.00-78.00; 500-700 LBS. 60.00-65.00.

STOCK COWS: BEEF WITH CALVES 4-8 YRS. MEDIUM FRAME 575.00-720.00; BEEF COWS 2-6 YRS. MEDIUM FRAME 450.00-510.00, SMALL FRAME 6-8 YRS. 385.00-410.00; BABY CALVES 50.00-110.00.

SLAUGHTER COWS: UTILITY AND COMMERCIAL 2-4 40.00-46.75; CANNERS AND CUTTERS 1-3 32.00-39.00.

SLAUGHTER BULLS 1&2: 52.00.

LAMBS: BLUE O HIGH CHOICE AND PRIME 68.50; ; RED O CHOICE 72.50, FEEDER LAMBS CHOICE 78.00-84.50; SLAUGHTER EWES 25.50-39.50; HEAD EWES 42.00-51.50.

SOWS 1-3: 27.50-39.50.

BOARS: 27.00

Morrison Cove Livestock

Martinsburg, Pa.
December 6, 1993
Report supplied by auction

CATTLE 260. STEERS CHOICE 70.00-71.50; GOOD 68.50-70.00.

HEIFERS: CHOICE 69.50-71.00; GOOD 67.50-69.00.

COWS: UTILITY & COMMERCIAL 42.50-49.00; CANNER & LOW CUTTER 37.00-42.50.

BULLOCKS: 60.00-64.75.

BULLS: YIELD GRADE NO. 1 58.00-63.50.

FEEDER CATTLE: STEERS 65.00-81.00; BULLS 59.00-79.00; HEIFERS 47.00-71.00.

CALVES 193. PRIME, NO MKT. TEST; CHOICE 91.00-99.00; GOOD 78.00-90.00; STANDARD 35.00-72.00; HOLSTEIN BULLS 90-130 LBS. 115.00-160.00; HOLSTEIN HEIFERS 90-130 LBS. 120.00-172.00.

HOGS: 89. US NO. 1-2 41.00-42.50; US NO. 1-3 38.50-40.00.

SOWS: US NO. 1-3 28.00-33.00.

BOARS: 26.50-30.00.

FEEDER PIGS: 62 HEAD. US#1&3 20-50 LBS. 12.00-32.00.

SHEEP: 38 HEAD. CHOICE LAMBS 70.00-90.00; GOOD LAMBS 21.00-70.00; SLAUGHTER EWES 19.00-35.00.

GOATS: 21.00-70.00.

20 LOADS OF HAY. ALFALFA 86.00-120.00; TIMOTHY 74.00-91.00; 4 LOADS OF STRAW 94.00-106.00.

Central U.S. Carlot

Pork Report
December 8, 1993
Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3 P.M. COMPARED TUESDAY'S 3:00 P.M. CLOSE: FRESH LOINS STEADY TO 1.50 LOWER; BUTTS STEADY TO 2.50 LOWER; SKND. HAMS MOSTLY STEADY TO 1.00 HIGHER; SDLS. BELLIES 1.00 HIGHER. TRADING OF RETAIL ITEMS SLOW, WITH LIGHT DEMAND AND MOSTLY HEAVY SUPPLIES. PROCESSING CUTS TRADING SLOW TO MODERATE, WITH LIGHT TO MODERATE DEMAND FOR MODERATE TO HEAVY OFFERINGS.

68.0 LOADS PORK CUTS
56.0 LOADS TRIM/PROCESS PORK/ PORK CUTS

LOINS, REGULAR, FRESH

14-18 LBS. * 9.0 LOADS, RANGE 88.50-97.00, WGHTD. AVG. 92.64.

¼" TRM 14-18 LBS., 8.0 LOADS, RANGE 106.00-117.00, WGHTD. AVG. 111.03.

¼" TRM/LESS 14-18 LBS., 1.0 LOADS, RANGE 122.00, WGHTD. AVG. 122.00.

18-22 LBS. *, 1.5 LOADS, RANGE 87.00-89.00, WGHTD. AVG. 87.67.

¼" TRIM 18-22 LBS., 1.5 LOADS, RANGE 100.00-108.00, WGHTD. AVG. 102.67.

COMBOS 22 LBS. AND UP, 0.5 LOADS, RANGE 68.00, WGHTD. AVG. 68.00.

LOIN, BLS CTRCT

5-9 LBS. STRAP-ON, RANGE 217.00, WGHTD. AVG. 217.00 C.

5-9 LBS. STRAP-OFF, RANGE 244.00, WGHTD. AVG. 244.00 B.

PICNIC, FRESH (COMBOS)

SMKR TRM, RS, COMBO, UNQUOTED.

BOSTON BUTT

4-8 LBS. *, 3.0 LOADS, RANGE 55.50-58.00, WGHTD. AVG. 56.75.

¼" TRIM 4-8 LBS., 3.0 LOADS, RANGE 73.50-76.00, WGHTD. AVG. 74.75.

COMBOS 8 LBS. AND UP, RANGE 55.00, WGHTD. AVG. 55.00 C.

SPARERIB FRESH

1.5-3.5 LBS., 0.5 LOADS, RANGE 92.00, WGHTD. AVG. 92.00.

3.5-5.5 LBS., 1.5 LOADS, RANGE 79.00, WGHTD. AVG. 79.00.

LOIN BACKRIB (BOXED) FRSH/FRZN

1.75 LBS. AND DOWN, RANGE 224.00, WGHTD. AVG. 224.00 C.

1.75-2.00 LBS., 2.0 LOADS, RANGE 180.00, WGHTD. AVG. 180.00.

HAM, SKINNED, SELECTED

FRESH 14-17 LBS., RANGE 82.00, WGHTD. AVG. 82.00 D.

FRESH 17-20 LBS., 17.0 LOADS, RANGE 68.00-77.00, WGHTD. AVG. 73.53.

FRESH 20-26 LBS., 12.0 LOADS, RANGE 57.00-64.00, WGHTD. AVG. 59.83.

HAM, SKINNED, COMMODITY

FRESH 20-26 LBS., 1.0 LOADS, RANGE 59.00, WGHTD. AVG. 59.00.

FRESH 26-32 LBS., RANGE 54.00, WGHTD. AVG. 54.00 D.

FRESH 32/UP LBS., RANGE 54.00, WGHTD. AVG. 54.00 A.

BELLY, SDLS, SKIN-ON, FRESH

FRESH 10-12 LBS., 1.5 LOADS, RANGE 42.00-44.00, WGHTD. AVG. 43.33.

FRESH 12-14 LBS., 5.5 LOADS, RANGE 44.00-45.00, WGHTD. AVG. 44.64.

FRESH 14-16 LBS., 4.0 LOADS, RANGE 44.00-45.00, WGHTD. AVG. 44.50.

FRESH 16-18 LBS., 1.0 LOADS, RANGE 42.00, WGHTD. AVG. 42.00.

FRESH 18-20 LBS., 4.0 LOADS, RANGE 38.75-39.00, WGHTD. AVG. 38.81.

FRESH 20-25 LBS., 4.0 LOADS, RANGE 36.75-37.50, WGHTD. AVG. 36.94.

PORK TRIMMINGS/ BONELESS PROCESSING PORK (CHEMICAL LEAN)

COMBO 42% FRESH, 7.0 LOADS, RANGE 17.00-19.00, WGHTD. AVG. 18.07.

BOXED 42% FROZEN, 1.0 LOADS, RANGE, 25.00, WGHTD. AVG. 25.00.

COMBO 72% FRESH, 21.0 LOADS, RANGE 47.50-50.00, WGHTD. AVG. 48.93.

BOXED 72% FROZEN, 8.0 LOADS, RANGE 54.00, WGHTD. AVG. 54.00.

PICNIC CUSHION MEAT

BOXED 92% FROZEN, 2.0 LOADS, RANGE 94.00, WGHTD. AVG. 94.00.

BONELESS PICNIC MEAT

COMBO 72% FRESH, 9.5 LOADS, RANGE 50.00-52.00, WGHTD. AVG. 51.16.

BOXED 72% FROZEN, RANGE 56.00, WGHTD. AVG. 56.00 D.

SHANK MEAT

FROZEN, 6.0 LOADS, RANGE 72.00-73.00, WGHTD. AVG. 72.50.

SKINNED JOWLS

COMBO FRESH, 1.5 LOADS, RANGE 17.00, WGHTD. AVG. 17.00.

BOXED FROZEN, RANGE 22.00-23.00, WGHTD. AVG. 22.36 A.

NOTE! (*) REFLECTS ¼" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

PORK CARCASS CUTOUT
WEDNESDAY, DECEMBER 8, 1993

ESTIMATED GROSS CUTOUT VALUES OF A 175 LB. HOG CARCASS BASED ON USDA CUTTING YIELD TESTS AND CARLOT PRICES. WEDNESDAY'S CARCASS GRADES AND PRICES PER CWT.:

US#1 61.03, CHANGE FROM TUESDAY'S VALUE 0.42; US#2 59.11, CHANGE FROM TUESDAY'S VALUE 0.42; US#3 57.18, CHANGE FROM TUESDAY'S VALUE 0.41; US#4 55.25, CHANGE FROM TUESDAY'S VALUE 0.39.

TODAY'S CALCULATIONS FOR USA#2 175 LB. PORK CARCASS:

SKINNED HAMS, 14-20 LBS., 21.01% OF CARCASS, 73.00 FOB VALUE, 1.00 CHANGE FROM TUES.; LOINS, ¼" TRIM, 14-22 LBS., 20.33% OF CARCASS, 110.00 FOB VALUE.

BELLIES, SDLS, 12-14 LBS., 13.90% OF CARCASS, 44.50 FOB VALUE, 1.00 CHANGE FROM TUES.; SPARERIBS, 3.5DN LBS., 3.03% OF CARCASS, 91.50 FOB VALUE.

PICNICS, 8-12 LBS., 10.31% OF CARCASS, 34.75 FOB VALUE, 0.75 CHANGE FROM TUES.; BUTTS, ¼" TRIM, 4-8 LBS., 7.25% OF CARCASS, 74.00 FOB VALUE.

JOWL, 2.85% OF CARCASS, 17.00 FOB VALUE; NECKBONES, 1.52% OF CARCASS, 16.00 FOB VALUE.

FEET, 1.05% OF CARCASS, 20.00 FOB VALUE; TAILS, 0.22% OF CARCASS, FOB VALUE 36.00.

TRIM 72%, 2.19% OF CARCASS, 49.00 FOB VALUE, -0.50 CHANGE FROM TUES.; LARD 10.85% OF CARCASS, 13.00 FOB VALUE.

TOTAL CARCASS 94.51%. US#2 CARCASS VALUE PER CWT. 59.11.

NOTE: VALUE MAY CHANGE WITHOUT ADEQUATE TEST.

YOU'RE INVITED!

Come & See The Most Exciting Development In TMR (Total Mixed Ration) Equipment To Date!

THE SUPREME CUTTER/MIXER

WHEN: Thursday, December 16, 1993 Time: 1 P.M.
WHERE: JT Mfg. FARMS Kistler Valley Rd., New Tripoli, PA
1 mile West of Lynnville, 3 Miles East of Kempton
WHAT: Rations to be mixed will include High moisture balelage as well as common ingredients
WHY: In addition to being able to easily chop and mix full size round bales, the mixing action of the SUPREME is unsurpassed

If you're fed up with lightweight equipment with short lifespans and high maintenance, you need to look at a SUPREME!

The demonstration is sponsored by:
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In conjunction with:
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Supreme
CUTTER • MIXER • FEEDER

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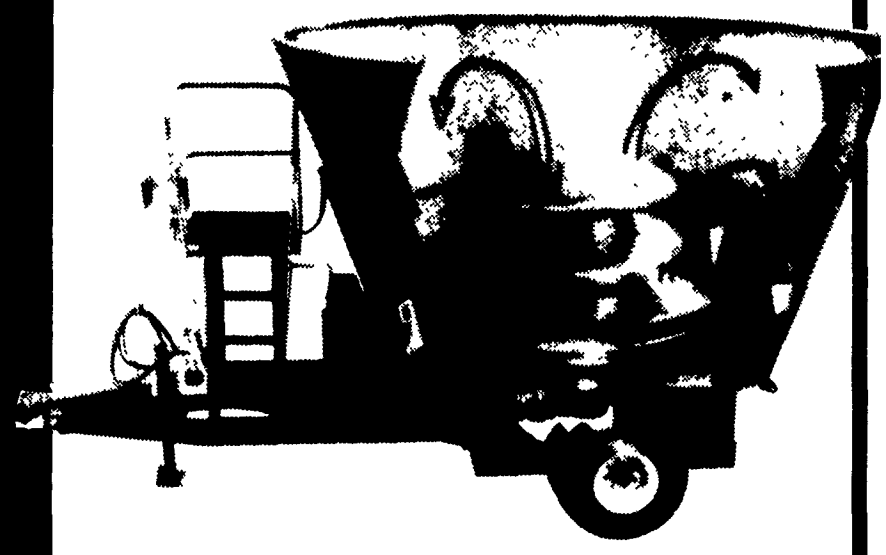

THE SUPREME - the most advanced proven cutter/ mixer/feeder.

THE SUPREME - is available in 4 pull-type models - a size for every operation.

THE SUPREME - cuts and mixes any size of round or square bales, even silage or frozen bales, with other feed commodities and supplements for TMR rations.

THE SUPREME - is the most efficient - simply designed - heavily constructed cutter/mixer/feeder available.

THE SUPREME - cuts any quantity of roughage in any length from 1.5 to 6 inches as required.

THE SUPREME - carries this exclusive **Performance Guarantee.**

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"If The Supreme Does Not Perform As Stated To You By Our Factory Staff, Supreme International, A Division Of Allen Distributors Ltd., Will Refund Your Purchase Price"
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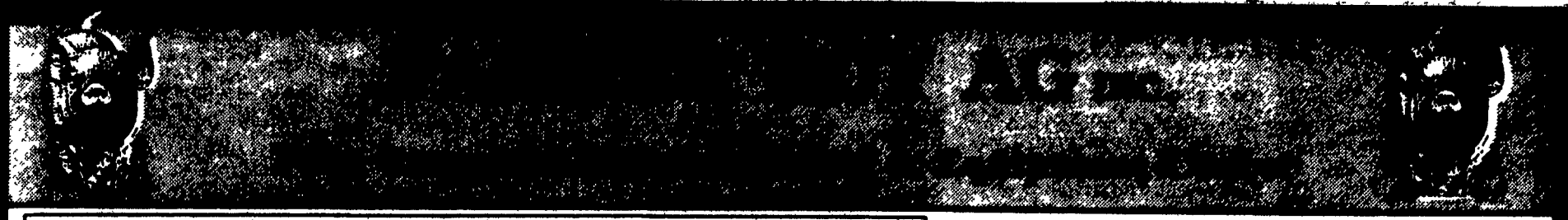

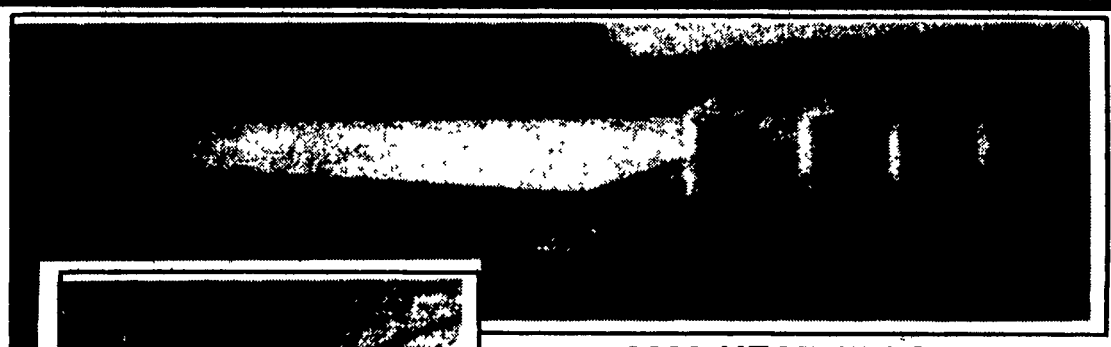

2000 HEAD FINISHER

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- Assistance In Securing Building Permits
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- Custom Design
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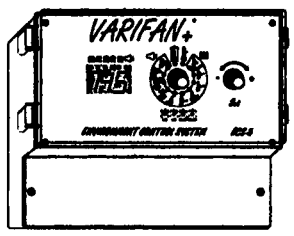
EXCELLENT CONTRACTS AVAILABLE FOR 2000 AND 3000 FINISHER UNITS!



Multifan

VARIFAN+ ECS-5
TEMPERATURE CONTROL SYSTEM

PROVIDES 5 POWER LEVEL OUTPUTS
- PROPORTIONAL VENTILATION
- PROPORTIONAL VENTILATION
- ON/OFF VENTILATION
- ON/OFF VENTILATION
- ON/OFF HEATING UNIT

MODEL	STAGES
ECS-1	1 variable fan.
ECS-2	1 variable fan, 1 on/off (fan or heater).
ECS-3	2 variable fan, 1 on/off (fan or heater).
ECS-4	2 variable fan, 1 on/off (fan or heater). 1 timed on/off stage.
ECS-5	2 variable fan, 2 on/off, 1 heater.

- 2 YEARS WARRANTY
- EASY TO INSTALL
- CAN BE CONNECTED TO A PC FOR CENTRAL OPERATION

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RUGGED PLASTIC DIRECT DRIVE FANS

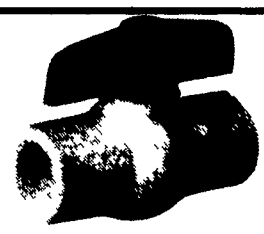
CHECK YOUR CURTAINS

- Do They Have Tears or Holes?
- Rotten or Brittle?
- Manual or Automatic Winches Working?

Call Today For Repair, Adjustment Or New Installation.

ENERGY EFFICIENT ENCLOSED MOTORS

- Heavy-duty totally enclosed motors with sealed ball bearings are designed for continuous work load.
- Available in two speed.
- Built-in thermal overload for low line-voltage protection on all single phase motors.



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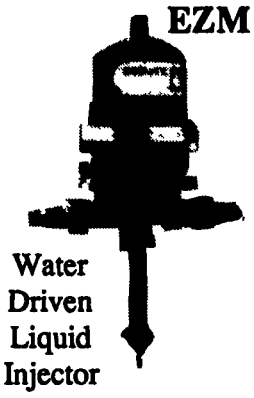
Galvanized & PVC
PVC Ball Valve
WATER FILTER CARTRIDGES

DOS MATIC PLUS MEDICATOR

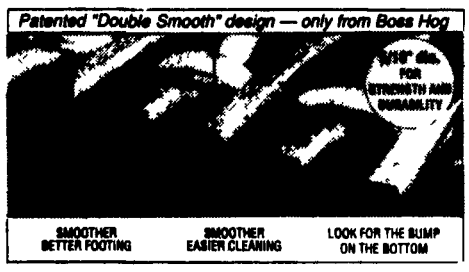
DP20
EZM



Water Driven Liquid Injector

NEW

BOSS HOG FLOORING


Patented "Double Smooth" design — only from Boss Hog
SMOOTHER BETTER FOOTING
SMOOTHER EASIER CLEANING
LOOK FOR THE BUMP ON THE BOTTOM

HEAVIEST WIRE FLOORING MADE

Boss Hog's patented "Double Smooth" design plus the strength and durability of its exclusive 5/16" diameter wire make this your best flooring buy! Insist on Boss Hog, the wire with the bump on the bottom. From the nation's largest manufacturer of animal flooring.

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The Nitrogen level of the pit waste will be enhanced by 300% with

PIT-BOSS™

Pit Additive To Reduce Pit Odor And Pit Solids

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RENCO CORPORATION

PREG-TONE II PLUS

PREGNANCY TESTER

NEW— Louder Tone!

- SAFE — All testing done externally- No harm to sow or litter!
- FAST — Test completed in seconds! Confirm pregnant or open in less then 30 seconds! (At 30 days)
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NOW! Optional Earphone Attachment Available!

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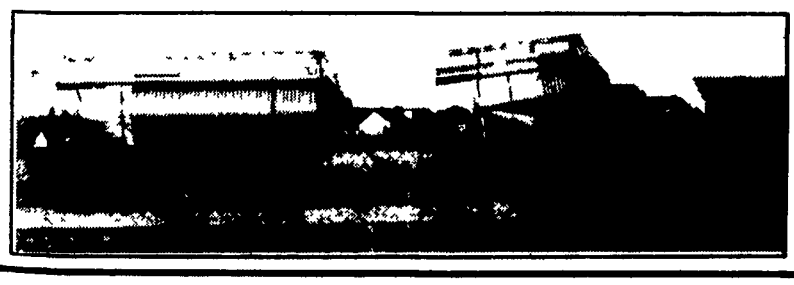
We Assemble, Deliver & Set-Up Bins On Your Farm



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Dairy Princess

(Continued from Page A1)

that is made up of five farms. They milk 117 head of the 260 Holsteins raised.

Both Jennifer and her 21-year-old brother have strong feelings about how the farm should be run. Jonathan, who said that he started working in the barn as soon as he could crawl, is a senior at Delaware Valley College, where he studies ag business. He comes home every weekend, and after graduation, plans to return full time to the family farm.

"He has quite a few ideas to get bigger, if he could just come up with the money," Ken said of his son's plans.

According to Ken, the older you get, the more conservative you become. Over the years, Ken said that he learned to be cautious when incorporating new ideas because not everything worked like it was expected to work.

On the other hand, Ken believes in being open to new ideas.

"We don't jump right on the band wagon whenever something new comes down the road, but neither are we the last people to try something different," he said.

His rule of thumb is to research and look at an idea at least four times before implementing it.

Oreo Cookie Dessert is one of Jennifer's favorite dishes that she serves to guests to show them how great tasting dairy products are when used in desserts.

Jennifer serves milk to her parents and brother. She adamantly insists that farmers should be proud of their product and drink milk at public functions. "It doesn't cost anything to set a good example," she said.

One of the biggest mistakes, they family said, was putting a scraper in a freestall barn.

"Dad needed to stand on it to make it run, and we children turned the switch on and off. If it went crooked — and it always did — it was our fault," Jennifer said.

Eventually, the Grimes discovered that the problem was that there was more manure built up than expected. Because baled hay was fed to the heifers, it clogged up the system.

After two years of frustration, Grimes ripped it out and put in a bedded pack.

About two-thirds of the 260-head herd are registered.

"Registration doesn't put more

This spot on the Grimes' farm offers a respite from work for Jennifer and her St. Bernard.

THIS [redacted] (LITTLE PELLET) WILL
MAKE IT EASY TO BUY
BULK
MINERALS.

Jennifer and her dad Ken discuss the work needed to be done on the family's 400-acre farm with 260 Holsteins. "My dad always taught me to use my head for more than a hat rack," Jennifer said of the many challenges she faces when working on the farm.

milk in the bucket," said Ken, who is inclined to stop the practice of registering the cattle. "It only helps if you're selling cattle and we are not into selling. We are in it for milk."

His wife and daughter disagree.

"You can't show animals at the fair if they aren't registered. Who knows how many grandchildren will come along and want to show? A lot of money and time will be wasted if we have cream-of-the-crop cows that aren't registered. At $4 an animal, we aren't talking a lot of money to register," Barb said.

Consequently, mother and daughter work together in registering the cattle.

A full-time herdsman, who they say does a fantastic job, is employed for many years by the Grimes. Ken's 81-year-old father, who lives across the road and from whom the Grimes bought the farm, helped with chores until last year.

Jon would like to increase milking to 250 head. The Grimes are researching the pros and cons. To do so, the family would need to add an additional full time herdsman and an additional milker. The dairy to which they ship, Guers Tumbling Run Dairy, would be unable to take the excess milk and it would need to be shipped to another dairy. At present, 90 percent of the Grimes' milk is class one and bottled.

Full housing would help hold production costs down, and it's easier to manage big than small, both father and son agreed.

The Grimes are taking a look at their housing and feeding facility. The cows are under too much stress because the temperature is cold, and when leaving the holding pen, and the cows must come down steps that are sometimes icy when entering the pole barn. According to slope recommendations, it's too steep to get to the trough.

"The cows are eating only two times a day when they should be eating six or more," Jon said.

"It's better to have the cows at a natural graze than head in a trough," Jon said. "Now it's two feet higher and it isn't comfortable."

To remedy the problem, it would require ripping out the free stalls and putting headlocks at the back of curbs.

The elder Grimes prefers to take

(Turn to Page A25)

Open calf hutches result in much healthier calves, according to Jennifer.

"I was brought up to believe that there is only one way to do things and that is the right way," said the state dairy princess of the chores she does around the farm.

CUSTOMIN™, CUSTOM BULK MINERALS IN PELLETS

Now Agway makes it possible for any farm to buy custom minerals in bulk. And get them delivered for less cost, less labor, and without the hassles of bags and bag disposal. Because for the first time ever, pelleted custom mineral mixes are available in bulk. Through a process introduced by Agway, we are now able to process minerals with grain products, to produce pellets that can be delivered to more farms, smaller-size farms—custom-made and formulated for optimal uniformity. With CUSTOMIN™ Bulk Mineral Pellets, delivery, handling and storage are a whole lot easier. CUSTOMIN Bulk Minerals are dust-free, and a lot more cost-effective. They don't cost any more than what you currently pay for minerals. And if you haven't been able to order customized minerals because of quantity requirements, lead time or cost considerations, now you can. CUSTOMIN is only available from Agway. Don't get left holding the bag. Call your local Agway Feed Specialist today. AGWAY®

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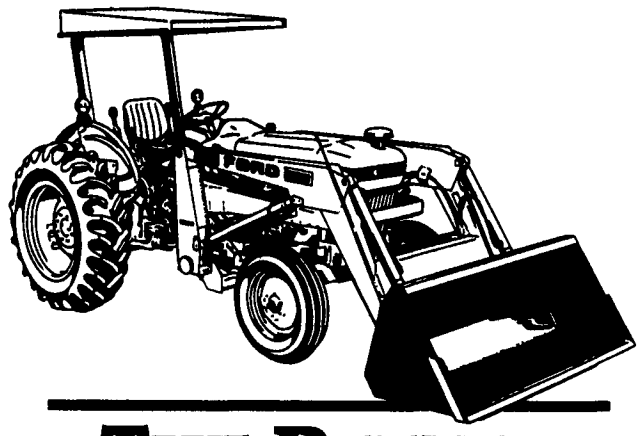
FORD 32-62 HP



THE BETTER BEST-SELLERS

Ford tractors lead North American sales in the 32- to 62-hp category. Choice of five models:

MODEL	3230	3430	3930	4630	5030
PTO hp	32	38	45	55	62

They feature:

- **Hydrostatic steering.** More responsive, durable.
- **Rugged front axles.** Two- and four-wheel-drive.
- **Hard-working transmissions.** Choose from 8x2, 8x8 synchronized or deluxe 16x8 Dual-Power™ transmission.

Come in today!

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- Lease Purchasing
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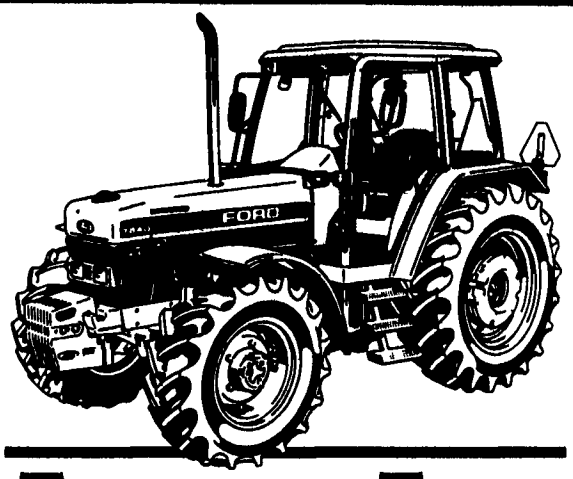
Ford Credit

POWERSTAR TRACTORS



TRACTORS THAT DO MORE WORK!

New design means more power, more performance, more versatility.

- New engines have more horsepower, burn fuel more efficiently, offer better torque response.
- New transmissions offer quicker, low-effort shifting, closer spaced gears, more gears in critical working ranges.
- New operator decks and cabs are roomier.
- Larger models offer electronic draft and ground speed control for efficient tillage and precise seed, fertilizer and chemical application.

Ask us to prove it!

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A WORKHORSE FOR THE SMALL FARM

A Ford compact diesel tractor fits right in on your horse farm. They have plenty of engine and hydraulic muscle to handle all kinds of jobs. Other pluses include:

- **Touch-Turn™ steering** makes it easy to maneuver in tight areas—like around stables.
- **Optional hydrostatic or shuttle shift transmission** make changing direction easy—a real timesaver when you're mowing or doing loader work.
- **Easy-to-reach controls and easy-read instruments** make operating a Ford compact diesel a breeze.

Stop in soon!

TEST DRIVE A FORD TRACTOR AND ASK YOUR LOCAL DEALER ABOUT SPECIAL PROGRAMS

HOLD THE POWER...

IN YOUR HAND

Ultra-Command™ . . . the smoothest, easiest-to-use powershift ever developed . . . gives you so much control over Ford 8030 Series tractors you'll be more productive than ever.

- **Shuttle Shift.** Push the lever forward–the tractor moves forward. Pull the lever back–you're in reverse. You never need to clutch.
- **More Speeds.** Move the lever to the right and shift up through 18 forward or 9 reverse gears. Move the lever to the left and you shift back down. It's really that simple.

Stop in for a demonstration.

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R & W EQUIPMENT CO.

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FORRESTER FARM EQUIPMENT LTD.

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SMITH TRACTOR & EQUIPMENT, INC.

Dewart Livestock Auction

Dewart, Pa.
Monday, December 6, 1993
Report Supplied by PDA

CATTLE 145.. PDA .. STEERS: few Standard 57.50-60.75. HEIFERS: one Choice 65.00, couple Standard 61.00. COWS: Breaking Utility and Commercial 45.00-47.00, couple to 48.00, Cutter and Boning Utility 44.00-47.50, Canner and Low Cutter 40.00-44.00. Shells down to 35.00. BULLS: couple Yield Grade No. 1 1500/1900 lbs. 55.75 & 58.25, few No. 2 900/1800 lbs. 45.00-51.50.

FEEDER CATTLE: Heifers: few Medium Frame No. 1 450/800 lbs. 52.00-66.00.

CALVES 191...VEALERS: few Standard and Good 70/100 lbs. 60.00-65.00, Utility 60/85 lbs. 50.00-60.00. FARM CALVES: No. 1 90/130 lbs. Holstein bulls 125.00-166.00, No. 2 80/125 lbs. 70.00-120.00; few No. 1 85/110 lbs. Holstein heifers 145.00-190.00. Beef cross 75/100 lbs. bulls and heifers 125.00-175.00.

HOGS 87..BARROWS & GILTS: US No. 1-2 225/245 lbs. 36.00-38.50, US 1-3 175/195 lbs. 28.50-30.75. SOWS: US 1-3 260/610 lbs. 30.00-36.25, couple to 40.00. BOARS: few 26.50-31.50.

FEEDER PIGS 108...US 1-3 20/25 lbs. 18.00-22.00, 40/45 lbs. 29.00-30.00.-- per head.

SHEEP 0...No market test.

GOATS 0...No market test.

Central U.S. Carlot

Beef Report
December 8, 1993
Report supplied by USDA

CENTRAL U.S. CARLOT BEEF REPORT (INCLUDES THE MAJOR PRODUCTION AREAS IN THE MIDWEST AND TEXAS) AS OF 3:00 P.M. COMPARED TO MONDAY'S 3 P.M. REPORT: UTILITY CARCASSES GENERALLY STEADY; CUTTER NOT ESTABLISHED WITH A WEAK UNDERTONE. DEMAND LIGHT FOR LIGHT TO MODERATE OFFERINGS.

COW AND BULL CARCASSES
FOB OMAHA BASIS
8 LOADS REPORTED

UT,BRK 2-4, 450 & UP, 3 LOADS, RANGE 71.00-72.50, LATEST ESTB. MKT. 71.00-72.50.

UT, BNG 1-3, 400 & UP, 5 LOADS, RANGE 75.00-76.00, LATEST ESTB. MKT. 75.00-76.00.

CUTTER 1-2 350 & UP, UNQUOTED.

BULLS 500 LBS. AND UP, YG1, LATEST ESTB. MKT. 101.00 A.

BONELESS PROCESSING BEEF/ BEEF TRIMMINGS
162 LOADS REPORTED

FRESH 90% BONELESS BEEF IN THE MIDWEST 1.00-2.00 LOWER, AND IN TEXAS, 3.00 LOWER; 85% 5.00 LOWER; 75% 2.00-4.00 LOWER; 65% MOSTLY 2.00 LOWER. DEMAND LIGHT TO MODERATE FOR MODERATE TO HEAVY OFFERINGS. BEEF TRIMMINGS LOWER ON MODERATE DEMAND AND MODERATE TO HEAVY OFFERINGS.

90% FR, 22 LOADS, RANGE 117.0-118.5, WT. AVG. 117.61.

90% FZ, UNQUOTED.

85% FR, 2 LOADS, RANGE 109.0, WT. AVG. 109.00.

85% FZ, UNQUOTED.

75% FR, 6 LOADS, RANGE 86.0-86.5, WT. AVG. 86.17.

75% FZ, UNQUOTED.

65% FR, 6 LOADS, RANGE 67.00-68.00, WT. AVG. 67.33.

65% FZ, UNQUOTED.

50% FR, 86 LOADS, RANGE 37.00-39.00, WT. AVG. 37.62.

50% FZ, 6 LOADS, RANGE 44.00-45.00, WT. AVG. 44.17.

50% BX, 5 LOADS, RANGE 40.00, WT. AVG. 40.00.

BULL 92-94, RANGE 137.00, WT. AVG. 137.00 A.

FOB EAST TX AND OK

90% FR, 16 LOADS, RANGE 119.0, WT. AVG. 119.00.

90% FZ, UNQUOTED.

85% FR, UNQUOTED.

85% FZ, UNQUOTED.

75% FR, UNQUOTED.

75% FZ, UNQUOTED.

65% FR, UNQUOTED.

65% FZ, UNQUOTED.

BULL 92-94 UNQUOTED.

CAF NORTHEAST AREAS

90% FR, 13 LOADS, RANGE 122.0, WT. AVG. 122.00.

90% FZ, UNQUOTED.

85% FR, UNQUOTED.

85% FZ, 75% FR, 75% FZ, 65% FR AND 65% FZ, UNQUOTED.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

Indiana Livestock

Homer City, PA
Thursday, Dec. 9, 1993
Report supplied by Auction

BEEF: HEIFERS GOOD 70.00, MEDIUM 66.00-69.75; COMMON 65.00. STEERS: GOOD 73.00, MEDIUM 70.00-72.00, COMMON 69.00 DOWN. COWS: GOOD 48.00, MEDIUM 42.00-47.00, COMMON 41.00 DOWN.

BULLS: BUTCHER 60.00, BOLOGNA 55.00-58.75.

FEEDERS: GOOD 350 LBS. STEERS 80.00-85.00, MEDIUM 70.00-79.00, COMMON 69.00-DOWN.

CALVES: 85-115 LBS. (BULLS) 110.00-160.00, 85-115 LBS. (HFRS.) 100.00-145.00, 80 LBS. UNDER 65.00 DOWN, 120 LBS. OVER VEAL 220 LBS. 117.00, 250-300 LBS. 90.00.

LAMBS: GOOD 74.00, MEDIUM 68.00-72.50, COMMON SHEEP 22.00-28.75.

HOGS: NO. 1 200-240 LBS. 41.20, NO. 2 140-195 LBS. 36.50, 245 LBS. 38.00-39.50.

SOWS: 32.00-37.00.

BOARS: 25.00.

LITTLE PIGS: 25.00-40.00 PER HEAD.

GOATS: 25.00-60.00 PER HEAD.

Jersey Shore Livestock Market, Inc.

Auction every Thursday at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction
Thursday, Dec. 9, 1993

RETURN TO FARM CALF 80.00-155.00.

GOOD VEAL: 70.00-120.00.

COMMON VEAL: 35.00-80.00.

SELECT STEERS: 62.00-64.50.

COMMERCIAL COWS: 42.00-50.00.

CANNERS-CUTTERS: 38.00-47.00.

SHELLS: 33.00-40.75.

COMMON HEIFERS: 53.00-58.00.

GOOD FEEDERS: 70.00-94.00.

COMMON FEEDERS: 45.00-69.00.

BULLS: 53.00-57.50.

GOOD HOGS: 38.75-40.50.

SOWS: 25.00-31.00.

Grants Available For Alternative Agriculture Projects

CHARLOTTE HALL, Md. — A new alternative agriculture grant program has been established to help southern Maryland farmers learn more about alternative agriculture enterprises that may be feasible in this region. Its goal is to inform producers about alternative agriculture production techniques and to determine the feasibility of alternative crops and enterprises.

Any farmer or cooperative extension service agent/specialist within the southern Maryland region is eligible to submit a proposal. Alternative agriculture project areas include aquaculture, crops, floriculture, forestry, horticulture, livestock, turf production, seminars, networking groups, and marketing or feasibility studies.

Grant requests may be made for costs associated with any alternative agriculture project, including research trials, demonstration plots, farm field days, informational workshops or meetings, surveys, etc. Grant funds may be used to pay for any supplies and/or hired labor needed to perform and complete the proposed project. Grant funds may not be used for reimbursement of the project leader's own labor, land, and/or equipment.

Grant requests should be between $500 and $1000. However, requests for up to a maximum of $2,500 will be considered. Preliminary interest has been strong and it is expected that competition will be high. Therefore, it is recommended that proposals be submitted as early as possible.

The funds for this program were made available through the Maryland Department of Agriculture to the Tri—county Council for Southern Maryland, which is administering the program with the assistance of the Southern Maryland Agricultural Commission and its Alternative Agriculture Advisory Committee.

To receive a copy of the grant application or for additional information about this program, contact Candy Walter, agricultural specialist, at (301) 884-2144 or (301) 870-2520.

Greencastle Livestock

Greencastle, Pa.
Thursday, December 9, 1993

CATTLE: 215. COMPARED WITH LAST THURSDAY'S MARKET, SL. COWS MOSTLY STEADY, FEW .25-.50 LOWER. HOLSTEINS: FEW SEL. 52.00-56.00, FEW STANDARD & SELECT HOLSTEINS 47.75-54.00. SL. COWS 43.00-46.50, COUPLE 48.50, CUTTER/BON. UT. 42.75-45.75, CANNER/LOW CUTTER 37.50-42.75, SHELLS DOWN TO 34.50, BULLOCKS FEW YIELD GRADE NO. 1 1300-1775 LBS. SL. BULLS 53.75-55.75.

FEEDER CATTLE: STEERS FEW M1 400-565 LBS. 64.50-71.00, HEIFERS FEW M1 440-675 LBS. 58.50-67.00, BULLS FEW L1 375-450 LBS. 75.00-76.00.

CALVES: 430. TWO CHOICE STAND. & GD. 70-100 LBS. 55.00-62.00, 60-85 LBS. 40.00-55.00, NO. 1, HOLSTEIN BULLS 90-130 LBS. 125.00-162.00, NO. 2 80-125 LBS. 75.00-120.00, NO. 1 HOL. HEIFERS 90-120 LBS. 120.00-180.00, #2 65-85 LBS. 80.00-115.00, BEEF CROSS 70-100 LBS. BULLS & HEIFERS 65.00-115.00, COUPLE 170.00.

HOGS: 28. FEW US 1-3 265 LBS. AND UP 32.00-36.00, FEW BOARS 26.50-31.25.

FEEDER PIGS 14. LOT 1-3 20 LBS. FEEDER PIGS 21.

SHEEP: 15, FEW LOW GOOD/CH. 60-75 LBS. 61.00-69.00, FEW SLAUGHTER SHEEP 16.00-23.00.

GOATS: 0.

PAUL B. Zimmerman INC.

LOOP STALLS

All Loop Stalls Are Coated With Baked On Top Grade Polyester TGIC Powder Coating After Fabrication

- Super Tough Finish
- Protection From Rust & Corrosion
- Superior Electrical Insulation
- Chip Resistant
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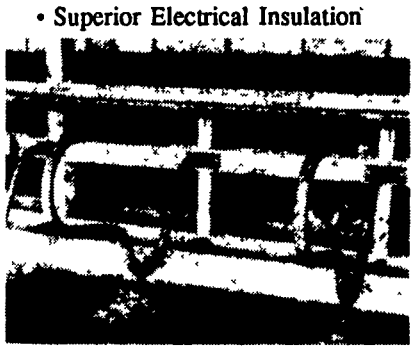

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Lancaster DHIA Looks

(Continued from Page A1)

shape, even though it doesn't appear that way on paper.

He said the net margin shows a deficit of $26,000, but that the figure is misleading. According to Wenger, there were two, one-time purchases that Lancaster DHIA made last year that totaled more than $50,000.

According to Wenger, the purchase of 21 laptop computers and a main computer for $31,000, in addition to paying Pa.DHIA about $20,000 more than what can be expected to be paid in the coming year, are both one-time costs that won't be part of expenses for 1994.

Further, he said that those purchases were made out of operating costs. The organization incurred no debt, and if costs remain close to the level for the past year, the organization can expect positive net margins in coming years.

He said that, if not for those one-time costs, the organization would have shown a net margin of $26,000, one of the largest in years.

Meanwhile, Wenger, whose term on the board of directors is to expire, said the Lancaster DHIA has more than $21,000 in reserves in the bank.

J. Robert Kindig, a director for National DHIA, said the changes of the past few years — the formation of the independent Lancaster DHIA and the implementation of new communications and computer technologies — has resulted in effectively eliminating state boundaries.

In fact, Phil Dukas, National DHIA manager, said during a Wednesday telephone interview, that all political borders are no longer relevant.

"The resulting ripple effect is bringing changes that will be felt for some time," Kindig said Tuesday.

To illustrate the new era that DHIAs are entering, Kindig said there has been a complete restructuring of how National DHIA secures it operational finances.

"It used to be 13 cents per cow, per year for National DHIA," Kindig said, adding that the system was inequitable with large states not receiving as much benefit as small states.

According to Kindig, National DHIA has looked at where staff was spending time and has made some changes that are to go into effect Jan. 1.

He said that now, each affiliate is to be charged an annual $1,000 fee; each field service operation is to be charged $1,300; each lab is charged $1,500; each DRPC is to be charged $1,000; and each meter calibration center is to be charged $500 as a fee for being part of National DHIA.

Also, the cost-per-cow fee structure has changed. According to Kindig, all affiliates are to pay a basic fee of 6 cents per-cow, per-year; 2 cents additional for field services; 2 cents additional per-cow for laboratory services; and 1 cent per-cow additional for DRPC services.

"It is a living, moving document," Kindig said, "it's not poured in concrete. As we recognize change that needs to be made to keep thing equitable across the system, we're perfectly willing to make (those changes) from year to year."

Kindig also said that the new fee structure was developed with the knowledge that change can be expected — mergers have been taking place and other reformations within the whole organization have made it difficult to budget for National DHIA and set fees. However, he said that the structure shouldn't affect local producers much. "Obviously, the per cow fee won't change much."

In other news about the national organization, Kindig said that National DHIA has approved a new rezoning of its membership and representation across the United States.

Effective now, instead of having four regions, there are three regions approved by the National DHIA board: an Eastern Region, a North-Central Region, and a Western Region.

According to the official delegate map, the National DHIA Eastern Region is to include Ohio, Kentucky, Tennessee, Mississippi and Louisiana, and all states and territories east.

The North-Central Region is to be comprised of Minnesota, Iowa, Missouri, Arkansas, Wisconsin, Illinois, Indiana, Michigan.

The Western Region includes the Dakotas, Nebraska, Kansas, Oklahoma, Texas and all states west.

The reason for rezoning was to realign representation within the organization.

According to Kindig, each of the three regions represents about 1.6 million cows on test. Each has four directors to the board. "It's pretty equal in the number of delegates too," Kindig said.

According to Dukas, the new representation, though in effect now, will really be used for the first time at the national convention in San Antonio, Texas, set to be held February.

Also, Dukas said the new representational boundaries in no way create service restrictions. In addition to Lancaster, there are several service arrangements which currently cross states and regions.

In other business, Wenger said in his annual president's report that Lancaster DHIA members will not see a fee increase this year, and that experienced technicians — who were lauded many times by different people for their quickness to learn to use laptop computers and new barnsheets — have helped to keep down costs.

Wenger also said there are several new areas that are being worked on by Lancaster DHIA.

He said the association has applied to the National DHIA to become a service affiliate, which would put them on a level with a state affiliate, and will mean more involvement by the association into overall affairs. As it is, two delegates are being sent to the national convention in San Antonio, as well as sending representation to many other meetings.

"The next goal is to reduce turnaround time (in receiving reports). The goal is to make it better than anyone else," he said, adding that the overall goal is to keep the organization moving foward so that members can be more competitive.

Jay Mylin, Lancaster DHIA manager, said the past year has been a "milestone year," since the transfer of records in October 1992 from Pa.DHIA to Raleigh.

Specifically, Mylin said that the laboratory doing the testing, Mideast, is shipping three days a week and running about the same as Pa.DHIA has been.

The Raleigh DRPC staff has been very flexible and working closely with Lancaster, Mylin said. "Many times the report was not quite what we're used to and they worked on it and said, 'Yes. We can do that.'"

He said that any member who finds any mistakes on reports, or isn't getting exactly what they want should speak up. "We're not looking at whose mistake it was," Mylin said. "It's not important. What's important is that it can be corrected."

According to Mylin, the testing service choices of Lancaster members has changed. There are now 150 using 2X testing, which represents 13 percent of the membership; 492 subscribe to AM/PM testing, representing 45 percent of membership; and 462 have opted for Owner-Sampling, representing 42 percent of membership.

"The increase in AM/PM testing is partly because the Holstein Association has accepted AM/PM records," he said.

In other areas, Mylin also commented on the technicians' quick ability to become completely computerized in one year. "It took a whole lot of work, and the transition went well," he said.

In discussing the staff, Mylin said that one of the main reasons that Lancaster has been able to keep down costs is because it operates with a third to a half of the staff as other DHIAs.

He said the reason Lancaster was able to do this was because of "the quality of supervisors we have; the geography (close proximity) of herds helps keep staff time (on the road) down; and the cooperation of the dairymen served."

Mylin said most important to the Lancaster DHIA is the membership.

"I think it is the integrity we have in this organization that we want to continue. It is something that is hard to find in this society," he said.

In other areas, Mylin told members that they can expect even faster service in the future as the Raleigh DRPC switches to laser printing, and he said there are some low cost programs that are to become available within the next month for those with small herds. "The more dairymen we can get on test will be a benefit to all."

Ken Butcher, manager of Raleigh DRPC, said that the 3.7-day turnaround time the service averaged is the lowest they've had.

Butcher said he attributed that to 79 percent of all the herd information the center handles now comes in is through computer. The Lancaster reports are 100 percent computer sent.

Butcher said things are going to get even better: the outfit installed a new computer this year going with IBM technology which is to enable Raleigh to process data more than one time per day, in addition to having increased speed of operation.

He also said that the DRPC Advisory Board also has developed a long-term plan which includes installation later this month of Xerox color laser printers.

The use of the multi-color printers would be to highlight columns, if desired, and also to highlight, for example, those cows whose somatic cell count has increased from the previous test.

The color printers have a speed of 250 pages per minute, he said, and while the cost for the printer is significant, "it will (allow) a significant reduction in labor costs. It will be enough to offset the cost."

Raleigh is also involved in two pilot projects — one involving the Vermont DHIA, the other Texas.

In the Vermont pilot program, Raleigh is to send data from its computer to a layser printer in Vermont. If successful, the arrangement would reduce turnaround significantly for the state's DHIA members, circumventing the federal postal system. And, it may open the way for Raleigh to serve other distant clients as well.

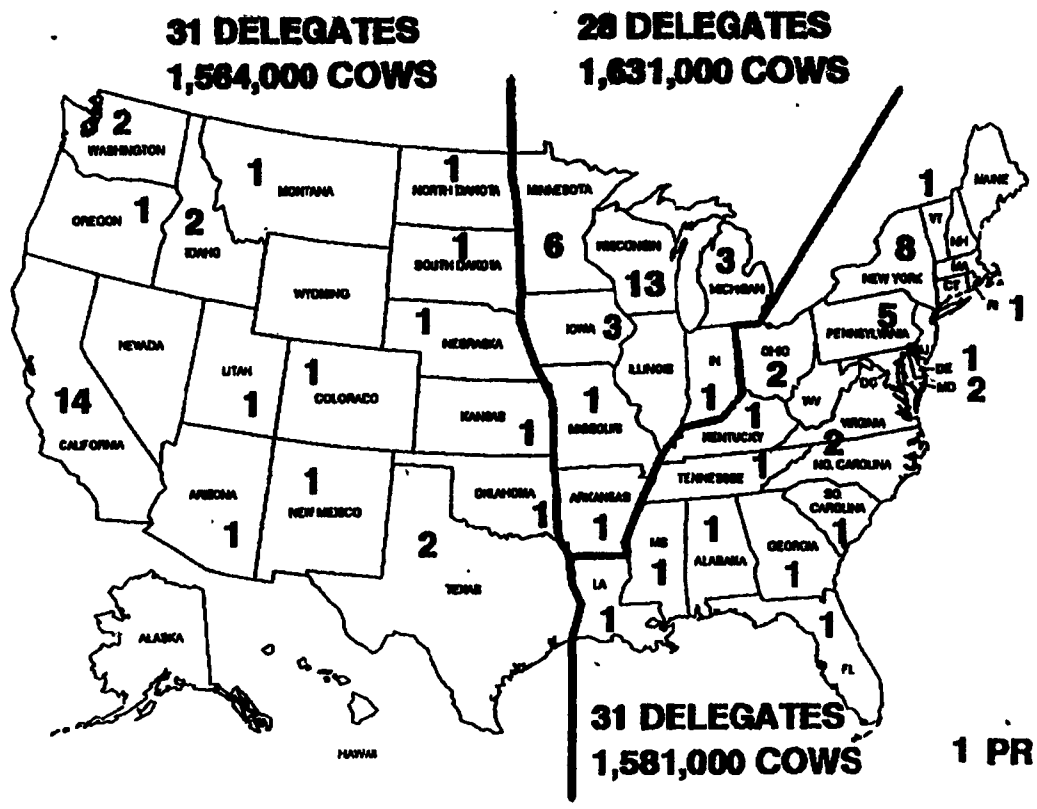
A pilot project in Texas is using a microcomputer there to process data.

Other goals set by the Advisory Committee are to develop an interface with automatic systems that some large producers are using; develop a TPE interface with existing dairy management and automatic systems; update programs to better reflect 2X- and 3X-milkings, and components testing; and to create an unofficial program to monitor the effects of BST on a herd.

According to Butcher, there are also some new quality standards that are coming from National DHIA that will require some adaptation work by Raleigh.

Butcher also complimented the Lancaster DHIA and the supervisors who, Butcher said, suprised him by their ability to grasp and use laptop computers and convert to a new laboratory during the past year. "We never though anyone could switch to laptops so quickly."

Butcher's comments extended to the Pa.DHIA as well, for help in making the transition smooth. He especially named Jim Boyer, Pa.DHIA programmer, as a "professional in every way" for his help in making the transition.



National DHIA has redrawn its representational borders and has gone from four regions to three. Each region is representative of about 1.6 million cows. The Eastern Region now ranges from Louisiana to the New England states to Puerto Rico.

Lancaster DHIA Elects Directors, Presents Awards

VERNON ACHENBACH JR.
Lancaster Farming Staff

SMOKETOWN (Lancaster Co.) — Lancaster DHIA held its annual banquet Tuesday at the Good and Plenty Restaurant in Smoketown and elected five directors to its board, in addition to presenting awards to its members with herds recording outstanding production.

Elected to the association's board of directors are Kenneth Byler in District 2; Herb Graybill, District 5; John Groff, District 9; Larry Aaron, District 11; and Joe Graybill, in District 14.

The association annually presents supervisor awards to those who made the least errors. However, this year, with all supervisors using laptop computers, and with the added requirement that all mistakes be corrected before being sent to the Dairy Records Processing Center, in Raleigh, N.C., there were no mistakes to be counted.

According to Bob Wenger, Lancaster DHIA president, "Since all the supervisors worked extra hard this year to learn a new system and explain these new reports to the dairymen, the board decided to spread the bonus money around to everyone this year."

In other honors, Harold Lindecamp was presented a plaque and $200 for his 40 years of service; Moses Martin received a plaque and $150 for 35 years of service; and Lee Landis received a plaque

(Turn to Page A27)

State Dairy Princess

(Continued from Page A21)

several little steps rather than one big step when solving problems.

"You need to take ideas and adapt them to your operation," he said.

A case in point is the pole barn that became extremely hot in the summer. One day, Grimes took a crow bar and punched holes in the wall. Now that wall is removed and studded for curtains.

The Grimes raise 90 percent of the small grains needed to feed their herd. They use sawdust in the freestall barn because it is available and economical. The Grimes own a large body truck with a side dump, which they use to pick up the sawdust.

Previously, the family used a tractor and chuck wagon for most of its hauling, but it was too dangerous when pulling out on the highway that borders the Grimes acreage.

"The switch to a truck cut back on manpower and made it much safer," Ken said.

The Grimes tried round and square bales but are now back to using the regular size.

"Hay needs to be stored inside a building to maintain the quality," Ken said. "We don't have the facility for inside storage and we think the odd-sized bales are awkward to handle with our setup."

Heifers are fed baled hay since the large bales cannot be maneuvered in four-feet alleyways.

Before Jen took on dairy princess responsibilities, she was registered to go to Penn State's main campus. When she was crowned Berks County Dairy Princess, she transferred to the Berks Campus. About one month later, she was chosen as the state princess. She decided that she could not adequately fulfill her dairy princess duties if she continued as a full-time college student.

Her dad said, "I always taught my kids that when taking on responsibility, do the best to your ability or don't bother at all."

Jen took this advice to heart and dropped out of college to work wholeheartedly in dairy promotion. She said, "I can always go to college later. I have the rest of my life, but I have only one year to be a dairy princess."

Jen is a 4-H member of Northern Berks Dairy Club. She was named champion fitter for two years. As a member of the FFA dairy judging team, Jen helped the team place first out of 13 eastern states two years ago. This past year, the team was first in the state and 15th in national competition.

Jen plans to become a veterinarian. "If I can pass chemistry," she said. Although an honor roll student in high school, Jen said, "I had to work hard to get good grades. I'm not a natural genius."

Jen started high school at Hamburg until it dropped its ag program. She switched to Tulpenhocken, where she was pleased with the variety of opportunities available to those in the ag program. While there, she served as treasurer and as student advisor.

As an adament supporter of FFA, Jen had attended meetings where the school board discussed dropping the program from the school district. Jen thinks schools who drop FFA are not openminded enough to research the wonderful preparation available for those who enter speech competitions. The program better prepares students for many ag-related jobs and for running your own business than other high school classes, she said.

Her father sees the necessity of being involved in school board when it comes to course decision-making.

He had been approached about running for school board, a responsibility that he would have liked, but he turned it down because some meetings last until 2 a.m.

"I couldn't see myself being able to get up and milk cows with those hours," he said.

Ken has been a township supervisor for 18 years and was recently elected to another six-year term. He is also a member of the Lion's Club and the whole family is active in grange activities and the Berks County Farmers Association.

Ken is a past grange master and his wife has held several offices. In 1982, the Grimes family was named Outstanding Grange Family of the Year.

Tree Sale In Progress

CHAMBERSBURG (Franklin Co.) — The annual tree seedling sale of the Franklin County Conservation District is now in progress.

This excellent stock comes from a state certified nursery. This year's seedlings must be purchased in bundles of 25 per species.

Seedlings offered this year include (with 25/bundle prices in parenthesis): Northwest Scotch Pine ($6.50), White Pine ($7.50), Douglas Fir ($6.50), Colorado Blue Spruce ($7.00), Norway Spruce ($7.50), Ponderosa Pine ($7.50), Concolor Fir ($9.00), Austrian Pine ($7.00), Red Maple ($8.50), and Red Oak ($14.50). Fertilizer briquettes are also offered at $2.50 per 25.

If you are interested in ordering seedlings, contact the Franklin County Conservation District, 550 Cleveland Avenue, Chambersburg, 17201, or call (717) 264-8074 for an order form. Office hours for the district are Monday through Friday, 7 a.m. to 3:30 p.m.

All orders must be prepaid. Deadline for ordering seedlings is January 31.

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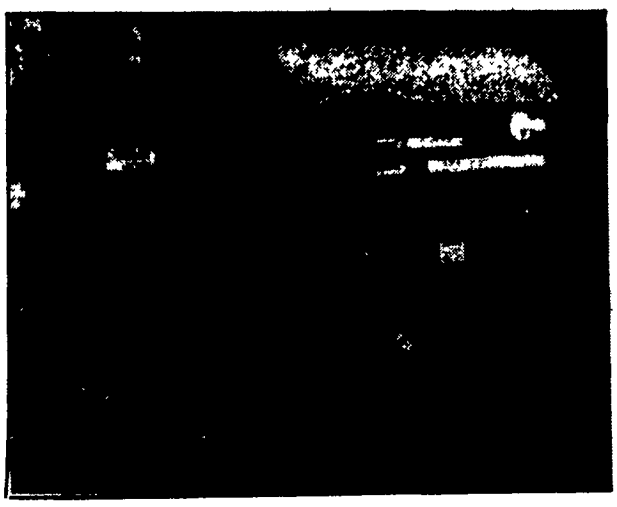

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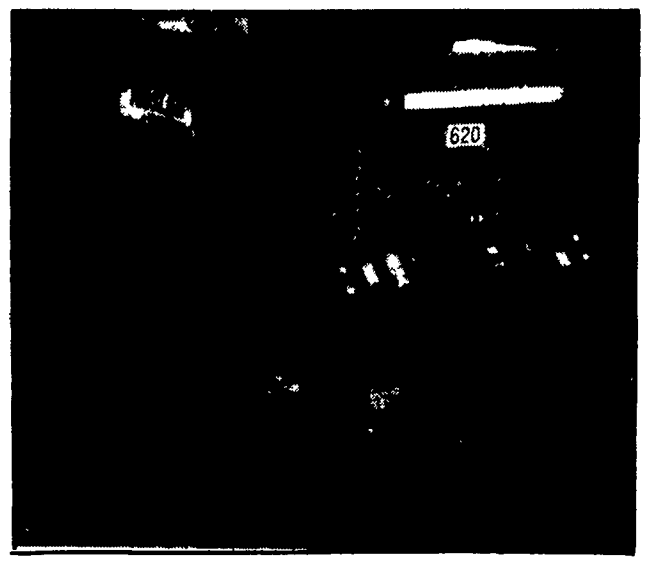

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Mifflin DHIA Members Make Good Milk

GAIL STROCK
Mifflin Co. Correspondent

REEDSVILLE (Mifflin Co.) — How does Mifflin County's milk production rank statewide? One of the best, according to DHIA figures for 1993.

Milk producers and guests attending the annual Mifflin County DHIA banquet last month at the Camelot Restaurant in Reedsville received facts and figures that prove that the milk they're producing is top-quality.

Mifflin County ranks first statewide in protein per cow - averaging 638 pounds compared to the state average of 583. Something to be proud of, but there's more.

Mifflin County herds rank second in the state for pounds of milk per cow averaging 19,908 compared to Pennsylvania's 18,255 average. They also average 724 pounds of fat per cow compared to 673 statewide, earning them a fourth place.

Add these impressive statistics to statistics from previous years and you've got a county in which its dairy farmers take producing milk seriously. In 1991, county dairy farmers placed second in milk production, second in protein, and fourth in fat.

"Outstanding," said Larry Hay, DHIA's regional manager as he spoke to the crowd of 160 farmers, family members, and guests. He commended producers on the consistency of the quality of their product.

And out of these who ranks as top herd manager in the county? According to DHIA's point system, it's John L. King of Belleville. The Pa. DHIA Herd Management Award went to John L. King, and his son Dale stepped forward at the banquet to receive the engraved silver plate. This award takes into account several management practices, such as milk, fat, and protein production, peak milk days, breeding services and calving.

Coming in a close second in herd management was Darren and Caryn Peachey, Belleville, with LaFay Farm at third.

David C. Yoder owns the high cow for milk production with 36,000 pounds. High cow for protein belongs to Noah B. Sharp Jr., at 1,136 pounds. Marlin Yoder owns the high cow for fat, with production at 1,335 pounds.

Larry Hay spent several minutes talking about changes made in the state bylaws that helps make DHIA more member-run.

Mifflin County is part of the new Mifflin/Juniata/Perry District. He said one director from each district is elected to serve on the state board and the present director, Brook Smith, has served for six years. Hay encouraged members to entertain the idea of someone from Mifflin County filling this position.

District Director Brook Smith of Newport was on hand to make additional comments. He said he sees a lot of changes for DHIA and its members in the 1990s, including BST usage, new bylaw changes effective Jan. 1, competition from a new processor, price increases effective January, and the addition of lap-top computers for technicians.

Mifflin County is the only county where all of the technicians are trained to use lap-top computers for keeping records. Smith said a new director will be elected at the Jan. 25 district meeting.

Retired farmer and milk tester Galen Kenepp, McVeytown, was recognized for almost 20 years of service. He is helping to train Fred Yoder of Belleville.

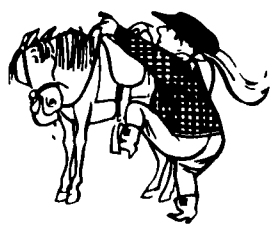
Supervisors Ronald and Sherri Morgan, Randy Mayes, Carolyn Loucks, and Fred Yoder each took time to recognize the top herds in their circuits.

Rod Kauffman and Sam Kauffman were elected as directors to four-year terms.

County DHIA President Tim Dunmire of McVeytown shared emcee duties with technician Carolyn Loucks. Loucks presented a home video of DHIA farms on her circuit.

The John L. King family of Belleville is the winner of the Mifflin County DHIA Herd Management Award. From the left is son Dale, sitting, and John and Savilla King.

SADDLE UP!



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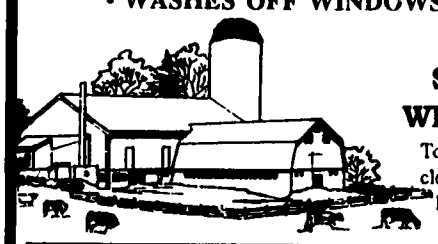

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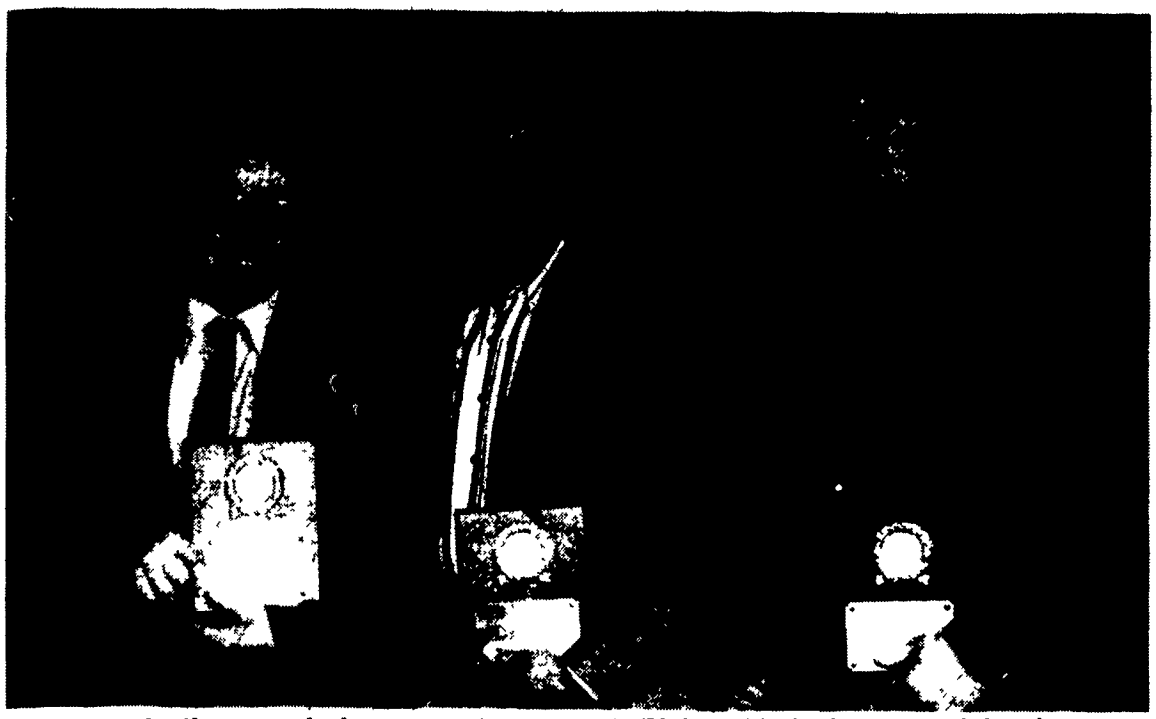
Lancaster DHIA Elects Directors



Production award winners are, from the left, Richard Linde (for son and daughter Axel Linde and Millie Widman), Steve Hershey, and Karl Herr. Not shown are Warren Burkholder and Donald Trimble.

Recipients of years of service awards are from the left, Harold Lindecamp, Moses Martin, and Lee Landis.

(Continued from Page A24)

and $50 for 25 years service.

Production awards, based on milk production, were presented according to dairy cattle breed.

In the Ayrshire breed, Warren Burkholder, of Ephrata, received top honors for his herd which averaged 17,244 pounds of milk, and 562 pounds of protein.

In the Brown Swiss breed, Donald Trimble, of Peach Bottom, received top honors for average milk production of 16,751 pounds of milk, with 580 pounds of protein.

In the Guernsey breed, Axel Linde and Millie Widmann, of Oxford, received recognition for their herd average of 16,452 pounds of milk, and 574 pounds of protein.

In the Holstein breed, Steve Hershey, of Elizabethtown, received recognition for his herd average of 24,962 pounds of milk, and 772 pounds of protein.

In the Jersey breed, Karl Herr, of Quarryville, received recognition for his herd's average production of 15,516 pounds of milk, and 581 pounds of protein.

The top protein production herd award went to Bob and Karen Gochenaur, of Willow Street. Their herd averaged 24,870 pounds of milk, and 783 pounds of protein.

The low somatic cell count award went to Curtis Akers, of Quarryville, whose herd averaged 107,000 SCC.

Other awards included appreciation awards presented to Dr. Ken Butcher, manager of the Raleigh DRPC, and Dr. George Grambling, director of the Mideast test laboratory.

Those two awards were made in recognition of the cooperative effort and service provided as Lancaster DHIA made the transition from Pa.DHIA.

Receiving an award for having the herd with the highest average protein production is Bob Gochenaur.

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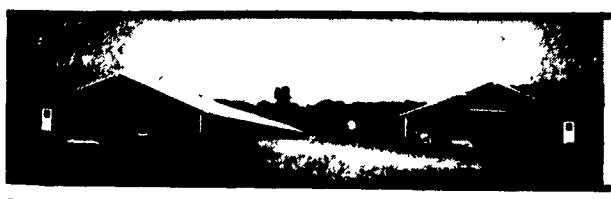

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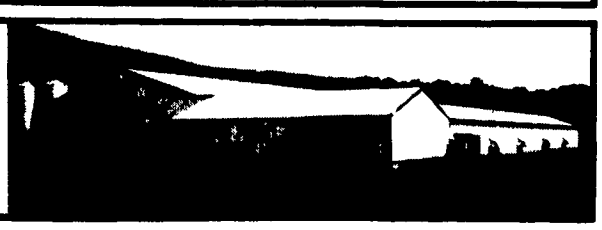

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10000 sisal Safemark	--	18.75	18.50	18.25
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4000 plastic NH	--	19.50	19.25	19.00
7200 plastic NH	--	17.00	16.75	16.50
9000 plastic NH	--	17.00	16.75	16.50
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67 Black Net (805885)	4000'	122.00	120.00	119.00
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Proposal Could Kill Tobacco Industry, Says Buyer At Opening Of Auction

ANDY ANDREWS
Lancaster Farming Staff

PARADISE (Lancaster Co.) — If President Clinton has his way, tobacco growers could be out of business, according to Claude Martin, president of Lancaster Leaf Tobacco, who spoke before the start of opening day at Paradise Tobacco Auction on Monday.

"When Bill Clinton introduced the Health Care Package in Congress, it was a dark day for the tobacco industry in the U.S.," said Martin. The proposed tax bill, to help pay for the cost of nationwide health reform, is set to draw most of the money out of all segments of the tobacco industry, from farmers who grow it to packagers and suppliers.

Clinton has proposed a 10,000 percent increase in taxes on smokeless tobacco, said Martin. That would raise a 3-ounch pouch of chewing tobacco from about $2.50 to more than $5, according to a report in the October 29 New York Times. Cigar tax could go up more than 3,000 percent, according to Martin. In the Times report, taxes on snuff would soar 3,472 percent and pipe tobacco would be increased more than 1,800 percent. Pipe smokers who pay about 67.5 cents in federal tax per pound could pay more than $13 a pound.

Cigarettes taxes could be raised about 300 percent, but small cigar taxes could rise 3,333 percent, according to the Times.

Those who wrote the proposal are "trying to kill the tobacco business," said Martin. "It's unacceptable to you, as a farmer, to you as a consumer, to us as a processor, and to the manufacturer. It's absolutely devastating to the industry itself."

Martin urged the the more than 250 tobacco growers present and the eight buyers on the floor to support the movement by various tobacco groups to stop the proposed tax increases. Right now, the Rostenkowski Commission is reviewing the proposal in a series of hearings in Congress. At the auction, a petition was available for those in the industry to sign.

"We think it is absolutely unfair and totally crazy what they're doing in Washington to you as a farmer and to us," said Martin.

He told those at the auction to lend their support in any way they can. Already, according to the Lancaster Leaf president, support has been coming in strong from Kentucky, Tennessee, and Virginia against the proposal.

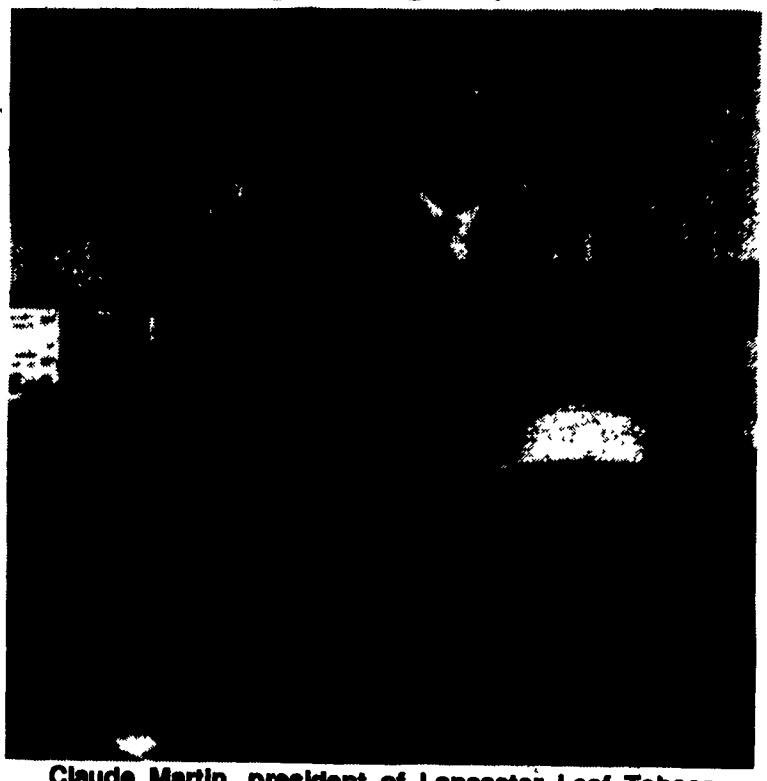
"It is absolutely important that every one of us work to defeat this legislation," he said. If Washington has their way, he reminded the farmers, "you will no longer need to grow tobacco." He said thousands of jobs are at risk, including workers who make the boxes and other packaging.

"Now think about that very seriously," he told the farmers. "You got a beautiful crop of tobacco, it brings a lot of money for you on your farm, it helps us make a living, and we need it."

In an interview with *Lancaster Farming*, Martin urged farmers to contact their federal legislators and to "keep the enthusiasm going" throughout the next year. He urged growers to contact him in support of the tobacco industry at Lancaster Leaf Tobacco, 198 West Liberty St., Lancaster, PA 17603, (717) 394-2676.

Auctioneer was Mitch "Snake" Ashby, from North Carolina. At Monday's auction, about 380,000 pounds of the Maryland 609 tobacco went on sale, with a high price of $1.25 a pound, down from $1.36 a pound last year and from $1.65 a year before that. The Auction reported about $296,000 in sales for the day. On Wednesday, 120,000 pounds were sold, about 40,000 of which went for a high of $1.25 a pound.

The auction continues every Monday, Wednesday, and Friday until Christmas week, then resumes for a few weeks in January.



Claude Martin, president of Lancaster Leaf Tobacco, spoke about the devastating effects the federal tobacco taxes could have on the industry before the start of the auction.

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Tillage Conference Looks At Soil Nitrate Test

ANDY ANDREWS
Lancaster Farming Staff

HAGERSTOWN, Md. — New developments in the presidedress soil nitrate test (PSNT) and how it can be used by farmers to save money on the cost of sidedressing corn will be addressed at the 20th annual Mid-Atlantic Conservation Tillage Conference on Thursday, Dec. 16 here at the Ramada Inn and Convention Center.

If used properly, PSNT can save farmers the cost of nitrogen sidedressing for corn when adequate levels of residual fertilizer are present, according to Dr. Frank J. Coale, extension agronomist, University of Maryland at College Park, and Dr. John J. Meisinger, soil scientist, Agricultural Research Service, USDA. Thus, the PSNT can be a useful nutrient management tool.

A way to farm profitability and be safe on the environment forms the backbone of much of the information available to those who attend the conference, open free of charge. The conference's topic, "Conservation Tillage: Facing Change," addresses this concern through a variety of methods, from the general session beginning at 9 a.m., "Innovations in Agriculture," to be presented by Dr. Dennis R. Keeney, director, Leopold Center for Sustainable Agriculture and professor of soil microbiology, Iowa State University through water quality improvement programs in the last part of the concurrent sessions in the afternoon.

Breakout sessions throughout the morning cover such topics as weed control, conservation tillage and small grains, and crop residue management. Other sessions highlight fertility and nutrient management, forages in conservation tillage programs, and water quality improvement programs. The general session in the afternoon studies the economic impacts of environmental regulations on agriculture.

The educational program will start at 9 a.m. and last until 3:45 p.m. There will be a break for lunch and a chance to visit exhibitors. A copy of the day's schedule is included in this issue of *Lancaster Farming*.

Dr. Lester R. Vough, extension agronomist, University of Maryland at College Park, and Donald M. Schwartz, extension agricultural agent, Washington County, Md. will report on winter grazing of rye and other small grains. Both speakers report that farmers can use this information to cut feed costs, increase livestock income, and qualify for federal cost-sharing payments for erosion-controlling cover crops.

According to Vough, Mid-Altantic farmers have not capitalized sufficiently on their regional advantage in beef cattle production. Also, the Mid-Atlantic area has milder winters than the Midwest, and has better quality summer forage available for farmers than in the Southeast. More cattle finishing operations could exist here with those kind of conditions.

Printed summaries will be available free at the conference.

For more information, contact planning committee chairman Donald M. Schwartz, Cooperative Extension Service, 1260 Md. Ave., Hagerstown, MD 21740, or call him at (301) 791-1304. Also, more information can be obtained from Bob Anderson, Lancaster County Extension Service, (717) 394-6851, or publicity director T. Milton Nelson, (301) 405-4596.

Plans Need To Be Implemented Now

CHAMBERSBURG (Franklin Co.) — January 1, 1995 is the date for farmers who participate in USDA programs to have their conservation plans implemented on their farm fields, said John Akers, district conservationist with the Chambersburg Field Office of the USDA Soil Conservation Service.

This date was established by Congress in the 1985 Farm Bill for farmers who take part in Federal Crop Insurance, Farmers Home Administration, and the Agricultural Stabilization and Conservation Service commodity programs.

These farmers should review their conservation plans now and make arrangements to implement any remaining conservation practices in the spring of 1994. If the farming operation has changed since the conservation plans were developoed and a revision is needed, call the Soil Conservation Service (SCS) office in Chambersburg at (717) 264-7013 to schedule an appointment to have your plan updated.

Also, if technical assistance is needed to establish strips, grassed waterways, and other practices, the SCS office should be contacted to schedule time with the individual farmers.

It is important for participating farmers to have their conservation plans fully implemented because field checks are made on a selected percent of farms each year to check on compliance.

"We hope to provide timely assistance to farmers who request it," said Akers, "but they need to schedule ahead of time with our office to meet these deadlines."

20th Annual Mid-Atlantic Conservation Tillage Conference

December 16, 1993

DAY'S PROGRAM
Donald M. Schwartz, presiding

8:00 a.m. REGISTRATION & EXHIBITS OPEN
Free Coffee & Donuts

9:00 a.m. GENERAL SESSION A
Innovations in Agriculture
Dr. Dennis R. Keeney, Director
Leopold Center for Sustainable Agriculture & Professor of Soil Microbiology, Iowa State University

10:20 a.m. CONCURRENT BREAKOUT SESSIONS I

A. Weed Control Update
Dr. Ronald L. Ritter
Extension Agronomist
University of Maryland

B. Conservation Tillage & Small Grains
Mr. F. Ronald Mulford
Poplar Hill Facility
Research & Education Center
University of Maryland

C. Crop Residue Management
Mr. Joel C. Myers
State Agronomist
Pennsylvania SCS

11:05 a.m. CONCURRENT BREAKOUT SESSIONS II
(Repeat Session I topics, allowing opportunity to hear two of the three speakers)

11:45 a.m. LUNCH
Visit Exhibits

1:30 p.m. GENERAL SESSION B
Economic Impacts of Environmental Regulations on Agriculture
Dr. James S. Shortle
Agricultural Economics & Rural Sociology Department
Pennsylvania State University

2:20 p.m. CONCURRENT SESSIONS III

A. Fertility & Nutrient Mgmt.
Dr. Frank J. Coale
Extension Agronomist
University of Maryland
&
Dr. John J. Meisinger
Soil Scientist, ARS-USDA
Beltsville Area

B. Forages in Conservation Tillage Programs
Dr. Lester R. Vough
Extension Agronomist
University of Maryland

C. Water Quality Improvement Programs
Norman A. Berg, Supervisor
Anne Arundel Soil Cons. District
(former Chief, SCS-USDA)

3:05 p.m. CONCURRENT SESSIONS IV
(Repeat Session III topics, allowing opportunity to hear two of the three speakers)

3:45 p.m. ADJOURNMENT

PLANNING COMMITTEE

Chairman	Donald M. Schwartz, Jr. Extension Ag Agent Washington County, MD
Vice Chairman	Robert J. Anderson Extension Ag Agent Lancaster County, PA
Secretary	Wayne F. Marz Extension Ag Agent Cumberland County, PA
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Exhibits	Craig W. Yohn Extension Ag Agent Jefferson County, WV
Arrangements	Donald M. Schwartz
Tickets	Karen E. Holloway Extension Ag Agent Howard County, MD
Publicity	T. Milton Nelson Specialist–Ag Editor University of Maryland

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American Jersey Cattle Club Has Strong All American Turnout

REYNOLDSBURG, Ohio — Pensmith T J Mindy, owned by Allen and Wayne Stiles and Mike Heath, Westminster, Md., was named senior and grand champion female of the 1993 All American Jersey Show held Nov. 8 in conjunction with the North American International Livestock Exposition in Louisville, Ky.

The 4-year-old daughter of Duncan Saint John stood first in the 4-year-old cow class of 39 entries and took first place udder for her age class. A successful campaigner, "Mindy" was grand champion at the Mid-Atlantic Regional in Harrisburg, Pa., earlier in the fall.

Reserve senior and grand champion honors were captured by Duncan Belle, the first prize 5-year-old cow exhibited by Rock Ella Jersey Farm Ltd, of Hornby, Ontario. Most ringside veterans were of the opinion they witnessed a first when "Belle" and her daughter Boomer Belle were both in the senior championship class.

Young "Belle" was winner of the senior 2-year-old class for Rock Ella Jerseys and Cedarcrest Farms, Faunsdale, Ala.

Junior champion female honors went to Hillacres Toptin Mindy owned by Virginia Associates, Clearbrook, Va. She earlier topped the winter yearling class of 24 entries. A repeat winner, "Mindy" headed the intermediate heifer class at the 1992 All American Show.

The reserve junior champion was Van DRPS Imperial Fancy, the second place winter yearling heifer owned by Paul Franken, Clinton, Ontario.

The premier exhibitor banner was awarded to Rock Ella Jersey Farm Ltd. of Hornby, Ontario and the premier breeder banner was presented to Waverly Farm, Clearbrook, Va.

This is the twelfth consecutive year this farm has been named premier breeder at the National Jersey Show.

Other winners include: senior best three females, Waverly Farm; premier sire, Highland Magic Duncan owned by Select Sires, Plain City, Ohio; and the NASCO International Type and Production Award went to Curtsey Duncan Julie, owned by Rock Ella Jersey Farm with an actual record of 3-6 305 20,852M 870F 723P.

Ontario captured first place in the state herd contest with 17 herds competing. David Spahr, Findlay, Ohio, judged the show with Eric Lyon, Toledo, Iowa, serving as consultant.

In other competition, there were 45 entries for first place in the 1993 National Jersey Jug Show.

Gaywind's Duncan Cris-ET was the winner for her owners, Edward and Carol Kahler, Keymar, Md. The winners received $1,762 and numerous trophies and banners.

Not a new experience for the Kahlers, as they won the 1986 Futurity with Gaywinds Saint Crissy, dam of this year's winner. A first in the 39 year history of the Futurity to have a mother-daughter both winners.

Reserve winner was W F Toptin Slipper exhibited by Todd Stiles, Clearbrook, Va. She received a cash award of $839 plus a trophy for the reserve winner.

Third place was awarded to Friendly Jessie owner by Jack Havener, Myers Jersey Farm, Troy, Ohio. Zack received $603 plus the Wetherell Dairy Trophy for highest ranking junior exhibitor in the futurity.

In fourth place was Duncan Nari for Max and Steve Bachelor and Family, Angola, Ind. She received a $410 cash award and the Pioneer Farm Trophy for the top producing animal placing in the Top 20 with her 2-4 record of 17,920 pounds milk, 798 pounds fat and 668 pounds protein in 305 days.

The Jersey Jug Futurity began in 1954 when 24 females were nominated for the show. In 1956 the Jug was given a wider scope when it moved from Delaware, Ohio to the Ohio State Fair. Then in 1959, the Jersey Jug became a national event when it came under the sponsorship of The American Jersey Cattle Club.

Animals are nominated as calves with hopes that in three years they will be a winner. The total nomination fee is $56 during the three-year process and the exhibitor is guaranteed that money in premiums if the animal is shown in the Jersey Jug. This year there was $9,430 to be divided between the 39 final entries.

Steve White, New Castle, Ind., served as the judge and Tim Abbott, Reynoldsburg, Ohio, was the associate judge for the day.

AFT Study Shows Again Farmland Benefits Communities

WASHINGTON, D.C. — American Farmland Trust this week released nationally the results of a new study that disputes some commonly held notions about land use planning in the U.S.

Paralleling the findings of six previous AFT cost of community services studies in New York and New England, the report, the national farmland conservation group's first in the Midwest, conclusively demonstrates farmland makes a significant net contribution to local coffers.

Residential development, meanwhile, is shown to require more funds for community services than it generates.

AFT President Ralph E. Grossi said the report raises fundamental questions about prevailing land use planning assumptions in the country.

"The findings challenge anew the notion that development options are always key to a community's economic stability," said Grossi.

"Communities need balance, and planners should carefully weigh the net effects of their land use planning decisions, particularly the impact they have on productive farmland which we now consistently have shown provides a positive tax benefit."

Research for the report was conducted this past spring and summer in the rural Lake County, Ohio communities of Madison Village and Madison Township about 30 miles east of Cleveland.

Expressed in dollar-to-dollar ratios, the findings showed that the communities on average spent $1.54 on public services, including education, fire and police protection, and utilities, for every dollar raised by the residential sector.

For farm, forest and open land, however, the two communities spent only an average of 34 cents on services for each dollar generated, making 66 cents available for other purposes.

While not suggesting the preferability of one land use over another, the study does show farm and open lands make a positive fiscal contribution and provide such other benefits as food production, floodplain protection, tourism, wildlife habitat and scenic vistas.

For that reason, the report notes that farmland should not be measured solely on its gross contribution to the tax base.

It argues the total net economic and environmental contribution of farmland should be considered, with farmland protection considered an investment in the infrastructure of rural communities.

Madison Township's population grew from 12,455 in the 1970s to 15,477 in 1990. Madison Village saw its population increase from 1,678 to 2,477 during the same period. Outmigration statistics suggest both communities are poised for a new surge of population growth.

AFT initiated and completed the study in cooperation with the Lake County Soil and Water Conservation District. Funding was provided by the district, The George Gund Foundation, Bank One, Blackbrook Audubon Society, Cleveland Museum of Natural History, Arthur Holden, ICI America Corporation, Lake County Development Council, Lake County Farm Bureau, Lake County Nursery, Lake County Nurserymens Association, Madison Township, Madison Village, Ohio Farm Bureau, Ohio Nature Conservancy, Perry Township and James Storer (Walden II).

For copies of the report, "The Cost of Community Services in Madison Village and Township, Lake County, Ohio," contact American Farmland Trust, Publications Department, 1920 N. Street, N.W., Suite 400, Washington, D.C. 20036, (202) 659-5170. Cost is $5.

College Of Ag Sciences Honors 340

UNIVERSITY PARK (Centre Co.) — The cost of college went down this year for 340 students in Penn State's College of Agricultural Sciences.

They are the recipients of nearly $513,000 in awards through the college's scholarship and awards program, supported by annual and endowed gifts from friends and alumni. Scholarship recipients and donors were honored at the college's annual scholarship and awards banquet on Wednesday, October 27.

Dr. John Cahir, vice provost and dean for undergraduate education at Penn State, addressed the group. Other speakers were Christa Garcia, a senior majoring in animal bioscience, and John Davies, retired president of Mell-Davies Lumber Company and sponsor of the Keith A. Davies Memorial Scholarship.

"The banquet is one small way we recognize both the excellence in scholarship of our students and the generosity of our friends who support their studies," said Dr. Robert Baldwin, assistant dean for resident education and director of the scholarship program.

Scholarship recipients are chosen on the basis of their academic standing, financial needs, and recommendations from professors. The college administers more than 146 separate scholarship funds for new and continuing students.

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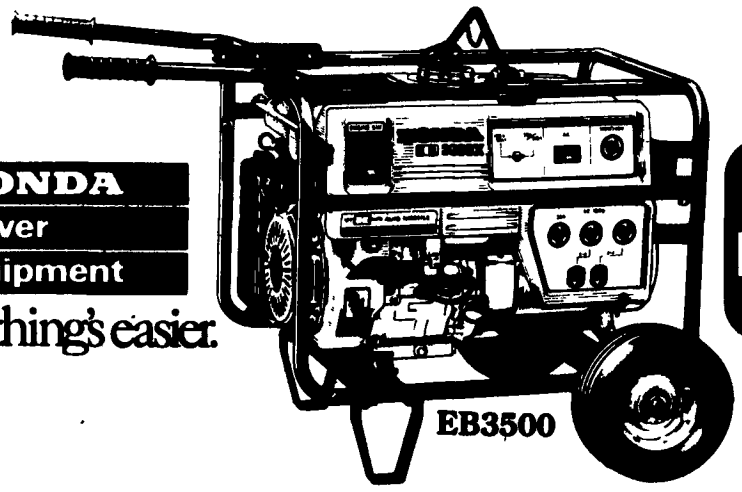

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Farm Calendar

(Continued from Page A10)

Host Hotel, Sturbridge, Mass., thru Dec. 16.

Dairy-MAP winter meeting, Somerset County Area Vo-Tech School, 10 a.m.-3 p.m.

Leadership Lebanon Valley Ag Day, Lebanon Valley Ag Center.

Wednesday, December 15

Dairy-MAP winter meeting, Bonanza Family Restaurant, Lyndora, 10 a.m.-3 p.m.

Westmoreland County Cooperative Extension dinner meeting, Mountain View Inn, Greensburg, 7 p.m.

Veterinary Nutrition Forum, Days Inn, Lancaster, 7 p.m.

Thursday, December 16

Mid-Atlantic Conservation Tillage Conference, Ramada Inn, Hagerstown, Md.

Pa. Holstein board of directors meeting, State College, 10:30 a.m.

Pa. Seedman's Association annual meeting, Eden Resort Inn, Lancaster.

Dairy-MAP, Washington County Extension Office, Washington, 10 a.m.-3 p.m.

National Satellite Videoconference, Worker Protection Standard for Agricultural Pesticides, Penn State Great Valley, Malvern; Berks Campus, Reading; and Allentown Campus, Fogelsville, noon-3 p.m.

Friday, December 17

Penn State Ag Chemical Compliance School, Farm Show Complex, Harrisburg, 8:45 a.m.

Dairy-MAP winter meeting, Somerset Area Vo-Tech School, 10 a.m.-3 p.m.

Saturday, December 18

Delmarva Meat Goat Conference, U. of Md. Eastern Shore, Princess Anne, Md., 9:30 a.m.-4 p.m.

Sunday, December 19

Monday, December 20

Tuesday, December 21

Breeding Priorities for the Commercial Dairyman, Franklin Co. Human Services Building, 10 a.m.-noon.

Swine meeting, Country Table Restaurant, Mount Joy, 9 a.m.-3:30 p.m.

Alternative Field Crops Seminar, Hegins Fire Company Hall, Hegins, 9:30 a.m.-3 p.m.

Ridge Presents Ag Issues At Forum

EVERETT NEWSWANGER
Managing Editor

STRASBURG (Lancaster Co.)—The featured speaker at the monthly Ag Issues breakfast was Tom Ridge, Republican gubernatorial candidate, and U. S. representative (PA-21). Ridge has been an announced candidate for nearly a year, and the first coalition he developed in his campaign was with agriculture.

Ridge said that often agriculture and business are projected as having separate interests, but he said agriculture is big business, and when you merge at the bottom line, the motivation for both is the same.

"Businessmen and farmers both want to make a profit, and they want government to get out of their way so they can operate and make investment decisions," Ridge said. "We have to have a new mind-set that the needs of agriculture are the same as the needs to operate a business. You need a consistent public policy that has stability and predictability so you can go about the operation of your business."

Ridge pledged a well-staffed department of agriuclture in his administration with people from agriculture and agri-business to help oversee and operate the department. He also made a difference between promoting and marketing agricultural products. "Pennsylvania is not doing as good a job as it should be doing in selling Pennsylvania made goods, including exports," Ridge said. "We are the fifth largest state in the country, but we only rank 11 or 12 in exports. With all the agriculture in Pennsylvania, the number one industry, only five percent of the value of goods we export are agricultural products. We can do better, and I will run an export program directly out of the governor's office."

On the subject of wetlands, Ridge said four points are important: we need standard definitions, consistently applied; we need one agency to make the call; we need to recognize that all wetlands are not created equally; we need to acknowledge this fact and classify wetlands according to environmental and ecological importance; and we need to have no taking of private property without just compensation.

Ridge called DER a job-crushing, community-harassing, regulatory agency that would be restructured into a service agency in his adminstration. "We need rigorous enforcement, but we need to use some energy and commitment to help Pennsylvanians to understand and comply with the law," Ridge said. "DER will no longer exist in my government. The agency needs to be more than enforcement police. DER should work with and for the people."

The Ag Issues Forum is a group of farmers and agri-business leaders who meet each month to hear and discuss subjects of interest to agriculture.

Tom Ridge, Republican gubernatorial candidate, presents ideas at the Ag Issues Forum.

Farm Forum

(Continued from Page A10)

per cwt. on the milk you produce.

Now, from what I've read in the papers the U.S.D.A. says it might be one cent per cwt. What a difference! National milk says they want another National Dairy Board to remove two billion lbs. of milk from the so-called surplus pile. The board will attempt to develop new markets, both domestically and in foreign countries. This scheme will be financed by another $.10 per cwt. assessment on dairy farmers milk. According to news releases issued by Pro Ag and other organizations these two billion lbs. of milk were removed from the so-called surplus pile by the commodity credit corporation. So what difference does it make who removes the two billion lbs. of milk from the pile. Well it does matter, because under Self-Help all dairy farmers will be assessed to help fund the Dairy Boards Program.

Even with the milk out of the way; dairy farmers prices were still at the 1979-1980 period. That's what I call progress. Now it's revealed that the Self-Help Program calls for the market administrator to deduct even more money from our milk checks to "balance the market".

Recently, the market administrator revealed that on January 1, 1994 we will have class III A pricing. This means milk used for non-fat dry milk powder will command a cheaper value. Even possibly lower blend prices.

Early in the fall the co-ops bloc voted the other National Dairy Board into continued existence. Didn't the co-ops also support B.S.T.? I've checked it out and it's true. All dairy farmers in order #2 lose at least three cents per cwt on our blend price, so the market administrator can pay the order #2 cooperatives four cents per cwt. to help fund the co-ops for market wide services for all dairy farmers. Class III A pricing, B.S.T. 2 National Dairy Boards — Self-Help Program (worth 1 cent per cwt.)., Farmers paying for the cost of balancing the market, and dairy farmers pay price at the 1979-1980 level. Is this what our co-op payment provision money goes for?

Like I said — Something is wrong!

Lloyd Gustin

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Irwins On Goodwill Tour To Romania

EVERETT NEWSWANGER
Managing Editor

DUMESTI, ROMANIA — In the village where about 5,000 farmers live and farm the land around the town, the people have experienced the love and caring attitudes of two goodwill educators from the U.S. And from these ambassadors the villagers have learnd what real Americans are like and have received helpful production information that we all take for granted.

All this happened because two volunteers, Jay Irwin, retired Lancaster County agent, and his wife Betty went to Romania for five weeks to assist the people under a program called Volunteers In Overseas Cooperative Assistance from Washington, D.C. Jay and Betty are quite experienced in this type of work as they spent six months in Poland under the sponsorship of a Penn State program in cooperative extension. This time in Romania, the idea was to help farm people who have just emerged from Communism in 1989 to develop the skills and attitudes that will allow the new democracy to function.

Right now, the people are angry because the Communists took all their land, but now only a small portion of their land is being returned to them. After winning the confidence of the people and bringing hope for a better life through associations of farmers working together, the attitudes of the people noticeably changed by the time the visit ended.

"We understand their situation," Jay said. "They are coming out from under a government system that prevented organization and did not allow for individuals to make decisions. But we told them in America farmers have found they must work together to better themselves. This takes an attitude that allows people to trust one another.

"The mayor of the town was our sponsor," Jay said. "He was the one who requested we come. He had been in prison for seven years, but he was not bitter. He could joke about it. One of the major differences between the pople of Poland and Romania is that Polish people do not laugh much. I think you have made progress if you can laugh at yourself," Jay said.

At first the people were skeptical. No one had ever come to their village who did not have alterior motives. But after they found that Jay and Betty just wanted to help them and give ideas on what worked for American farmers, the local people's attitudes changed.

The mayor confided at the end of the visit that his people had changed attitudes that were more peaceable. They could sit down and work out their problems. We were really pleased to know we had a positive effect on the people," Jay said.

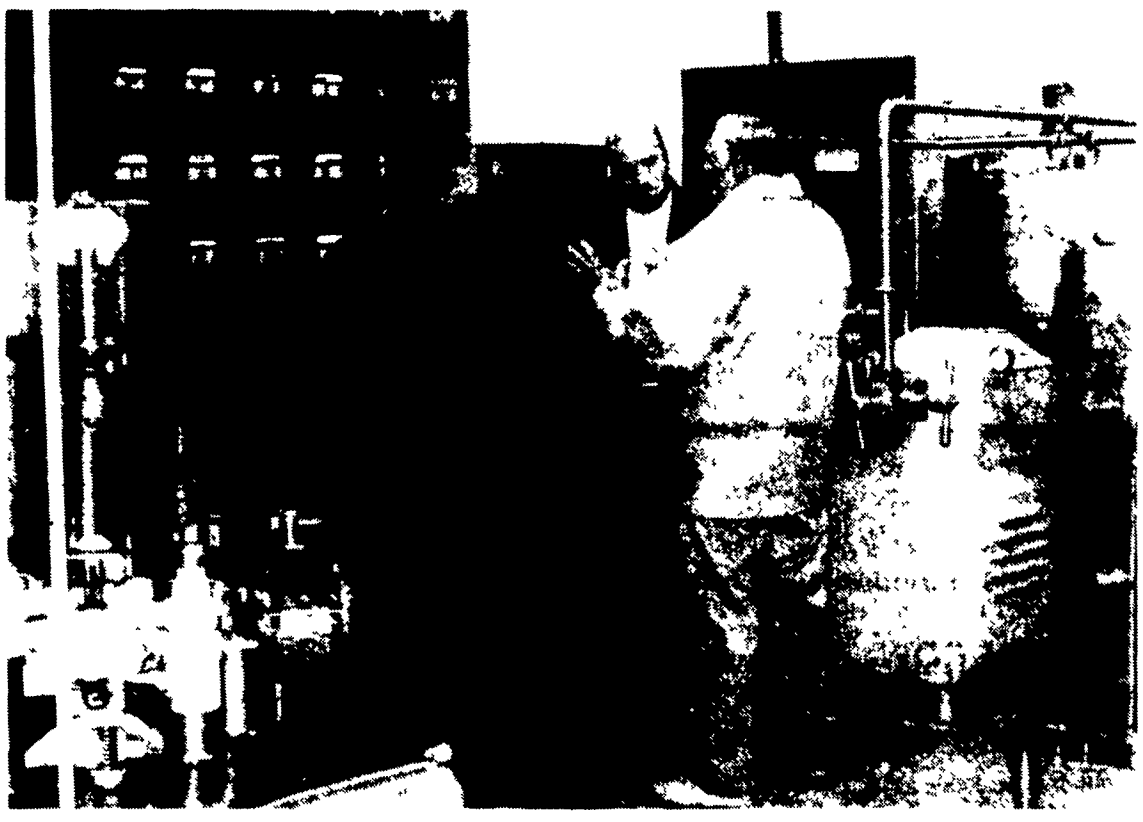
Various problems are evident on Romania's farms. Cows are fed corn stover and only a little grain. On one large farm of 600 cows, production was about 10 pounds of milk per day. They didn't know about alfalfa.

And quality control in their factories is a major problem. New equipment often breaks down shortly after it is purchased. There is no competition and no incentive to make things better.

While they have excellent research facilities at the University, they don't have an extension system to get the information to the people. One of Jay's suggestions was for the people from the University, engineers, and local farm leaders to meet four times each year to exchange information. At

(Turn to Page A33)

Jay Irwin gets a sled ride from a local farmer while visiting Romania.



Benuel Lapp, center, and Jay Irwin, right, visit Lapp's demonstration farm in Romania. The interpretor, left, was not needed but was very interested in the conversation. Irwin said that walking into the Lapp barn felt like being at home in Lancaster County.

Jay and Betty Irwin treasure gifts given to them by Romanian farm families.

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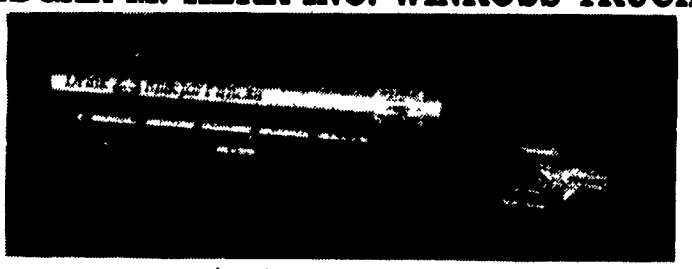

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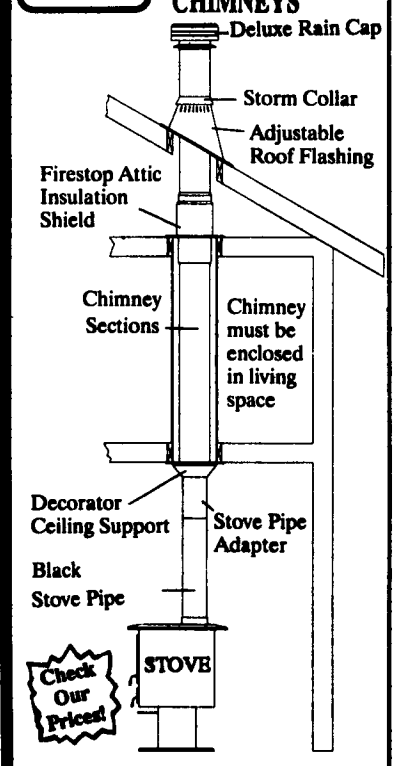

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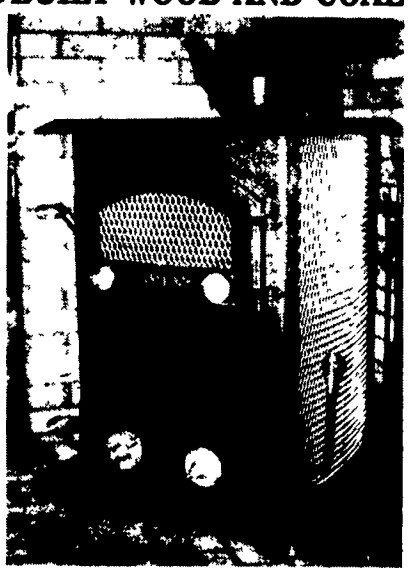

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HOGS AND LACTATION

Lactation is one of those items in hog production that we sometimes take for granted.

Not that it isn't important. It's just that under normal conditions, the natural behavior and physiology of the sow and litter usually ensure satisfactory milk production.

A recent review by B. Algers from the Swedish University of Agricultural Sciences leads me to believe that the fascinating phenomenon of nursing is something that we can stand to know a lot more about.

Acknowledging the subtle communication between newborn pigs and the nursing sow may, at first, sound a bit silly. But the more we learn about lactation and nursing behavior, the more we can use that knowledge to our advantage.

The Nursing Process

During the last half of pregnancy, the sow's mammary glands develop in preparation for milk production. Each mammary gland contains many lobes (small spherical sacs) which are subdivided into lobules. The lobules are divided further into alveoli which contain the milk.

The milk is actually produced by special cells in the alveoli called epithelial cells, which are controlled by a number of hormones, especially prolactin. If you could imagine the inside skin of a basketball lined with these epithelial cells, then you can also understand that as the cells secrete milk, it will collect in the center of the ball.

Surrounding our ball is a thin layer of smooth muscle, which responds to oxytocin. During nursing, oxytocin is released from the pituitary gland, causing the muscle layer to contract, which in turn squeezes the milk out of the ball (alveolus). This is called milk letdown. From here, it simply makes its way to the teat end through a system of plumbing.

This process occurs in any mammal following parturition. But there are a number of things that make the pig unique.

Sows Are Not Cows

Because she gives birth to a litter, the sow's challenge is to provide milk to everyone at the same time.

That seems simple, but remember the farrowing process lasts several hours. So the first-born have free access to the udder without competition. After farrowing, the sow settles into a nursing schedule that occurs every hour or so, but milk let down lasts for only 30 seconds per nursing.

The Newborn Pig

First-born pigs sample the entire udder shortly after birth, so they have an advantage over those born later.

Research shows that the high levels of oxytocin present during farrowing allow pigs to consume colostrum effortlessly during the first hour or so. Toward the end of farrowing, oxytocin release is more sporadic. Pigs born later in the litter have fewer opportunities for easy meals of this milk high in immune globulins that are so precious to survival. In fact, immunoglobulin (IgG) levels in the blood are increased in first-born pigs.

As pigs gain strength in the hours following birth, fighting for teats commences. Dr. Tom Hartsock, extension swine specialist at the University of Maryland, was among the first researchers to document this competition. The presence of needle teeth, of course, intensifies the fights. These instruments of destruction make it easier for the strongest to survive, and they obviously create problems for the weaker, less aggressive piglets.

Because our goal is to keep the whole bunch alive, we try to even the playing field by clipping the teeth soon after birth. But as Hartsock so clearly showed almost 20 years ago, the biggest pigs and the first born pigs still end up getting most of the groceries.

Nursing As A Group

The classic sow initiates nursing by grunting and lying on her side to expose her udder. The pigs then begin their routine of massaging the udder which may last several minutes.

The fewer the pigs, the longer the massage. Compare this, again, to the cow in which milk let-down can be triggered by the sound of a vacuum pump, and no massage at all.

As oxytocin is released into the blood stream, the sow's grunting intensifies, and about 20 seconds later, milk let down occurs which stimulates a vivid behavioral change in the baby pigs. The massaging stops, the fighting and movement comes to a halt, and for about a half a minute, the pigs drink milk as though their life depends on it. And it does. If they miss only 5 seconds of the milk let down, research shows that they've missed 25-50 percent of their

(Turn to Page A38)

Irwins On Goodwill Tour

(Continued from Page A32)

present they have no association to accomplish this interchange.

The Irwins were able to take a day trip to visit the Benuel Lapp family from Lancaster County, who have set up a sample dairy farm through Christian Aid Ministries. The Ministries project is in place to show the local people what can be done to supply food for their people. Lapp places special emphasis on sanitation, and Jay said all the people in his party had a glass of milk from Lapp's bulk tank.

"A lot of work needs to be done, and we only touched the surface in the short time we were there," Jay said. "We have suggested that follow-up volunteers continue to work in this area to encourage the people to make changes. But at least we gave the people something to think about. It was a very rewarding experience."

And the people responded warmly too. They gave the Irwins antiques and treasures that were from their hearts and homes. "Everybody in the village knows and loves you," the village mayor said. "You are the first Americans that came to meet with our people and not the government. Please come back in two years, and you will see that the seeds you have planted will be growing," he said.

"They were hungry for information, and we are grateful if we in some way helped them," Jay concluded.

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Digester Technology May Save Money On Electricity, Heating

(Continued from Page A1)

a year in energy costs. He said it's a better than 30 percent return on investment, and would install a digester even if he had only 15 cows.

Subsidies aren't needed

Waybright, who spoke as part of a digester owner panel, told the more than 150 farmers, ag industry representatives, and government officials present that the technology has been available for years, and that huge subsidies aren't needed for manure digesters to be installed on farms today.

Waybright said that, in this region, because of the cold winters, about 70 percent of the methane gas generated from a manure digester has to be used to heat the manure to a temperature of 105 degrees in order for the methane gas to continue to be generated.

While only 30 percent of the gas remains, the amount is still sufficient to drive a generator, from which not only energy to defray the cost of electricity, but heat can directly be used.

Benefit tremendously

Swine and chicken house operations could benefit tremendously from such a device, according to James Kauffman, a poultry producer from White Horse. A well-maintained digester could save immediately on energy bills alone, because farmers would pay that much less in energy bills.

Kauffman told those at the conference that the biggest expense outside of the farm mortgage is electricity and fuel utilization. But producers already have the free resources to generate that power.

"I don't think that we find that the energy companies over here are really pushing the idea that we should use energy on our farm that's free and available to us," he said. "They generally like to sell us electricity and sell us fuel."

Odor concerns

But what drove the swine operation of Harlan Keener, who operates a 600-sow farrow-to-finish farm just three "air" miles south of Lancaster, was mostly concern with odor. There, Keener installed a 35,000-gallon digester which, when completed, cost about $225,000, and needed an additional $100,000 in modifications. But he said he generates millions of BTUs per day out of the hog waste.

Keener's operation generates enough electricity that not only can he use it to power and heat his own farm, but he sells energy back to the utility. While it costs him 6 cents a kilowatt hour to purchase the electricity from the utility, the utility buys it from him at 2.38 cents a kilowatt hour.

He said that if a farmer is serious enough about how he invests his money, he will make the digester work. For Keener, it has paid in terms of keeping good relations with the neighbors and kept his business free from odor lawsuits.

Works well

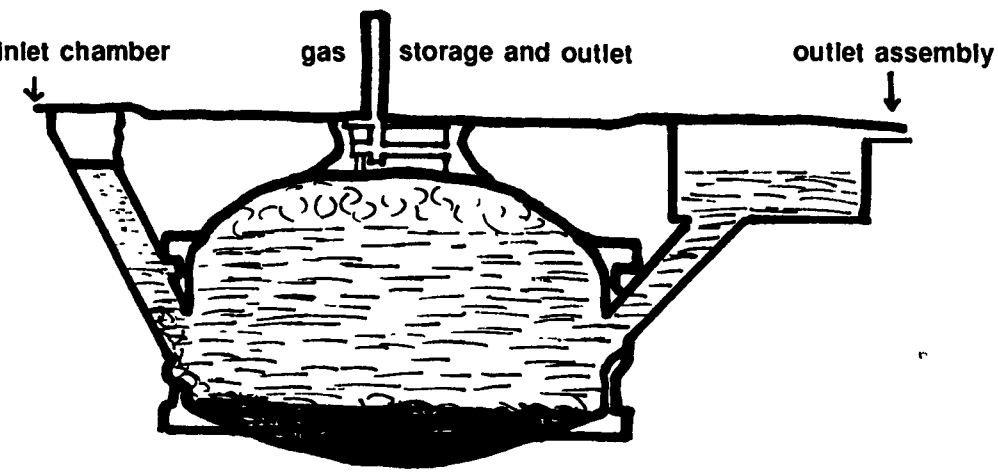
George Hurst, owner of Oregon Dairy Farm, Lititz, said he installed an underground digester on his farm in 1983. He said he can generate about 30-50 kilowatts/hour on his 300-cow operation. He spent $120,000 on the digester, and noted it works well on his farm.

Stan Weeks, Agway Farm Research Center, installed a digester on the 250-cow research farm in Syracuse in 1981. The digesters are installed in vertical tanks, all poured concrete. The research center has helped install more digesters on research farms in other states since 1983, including the University of Maine and University of New Hampshire, all with great success. There is a proposal to install one in the USDA Beltsville office to study odor control.

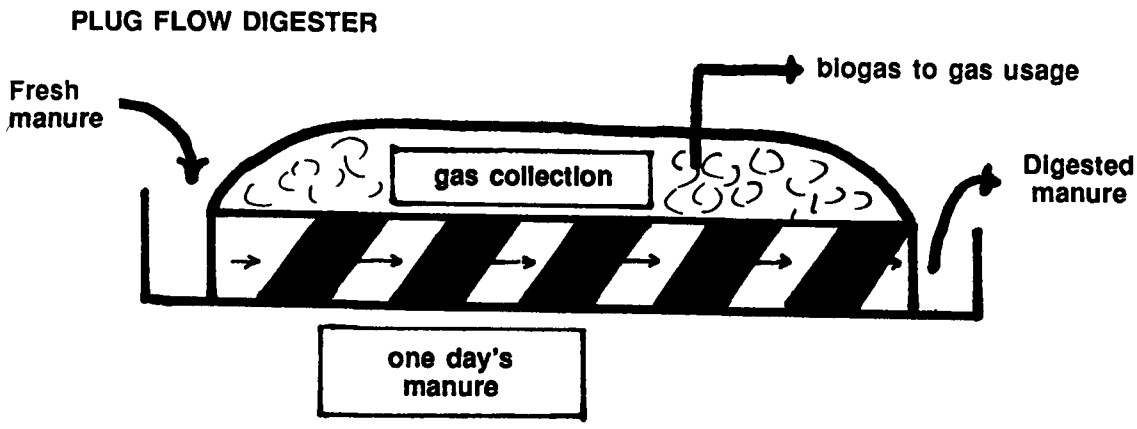
Government agencies were on hand to offer their views of funding digester technology. From left, Yuan Haiying, ag attache from China; Larry Lentz, Center for Rural Pennsylvania; Michael Voorhies, U.S. Dept. of Energy; Phillip Lusk, U.S. Dept. of Energy; Tim Murphy, USDA SCS; and Johan Berger, DER. Standing is Leon Ressler, Lancaster environmental ag agent.

A group of farmers with more than half a century of experience with digesters was assembled at a panel during the On-Farm Biogas Production Conference in New Holland on Wednesday. From left, Harlan Keener, Rocky Knoll Farm; Stan Weeks, Agway Farm Research Center; George Hurst, Oregon Dairy Farm; and Richard Waybright, Mason-Dixon Farms.

Small Scale Digester



Chinese Digester



Large-Scale North American Digester

This illustration shows how a simple underground digester, top, is used in China. Manure is fed into the inlet chamber into the bin, where methane gas is generated and collected at the top. The outlet area to the right is where the effluent is removed. At the bottom, an above-ground digester collects the methane in a bubble, where it is drawn out and used. The technology is similar in both cases.

Environmental concerns

While research at various universities has been pointing out the benefits of using the inexpensive resources of manure digestion since the 1970s, and research was compiled extensively in the early 1980s, studies of manure digesters have fallen off because of environmental concerns, not energy.

But the panelists pointed out that environmental concerns are driving new impetus into ways to handle manure, with the concern over Pennsylvania's new nutrient management law, and because of expanding urban zones near farms.

Those concerns are heating up the debate over the usefulness of digester technology. And as the nutrient management legislation will create more need for manure holding areas, those areas will be prime areas for methane generation.

With that comes the odor problem, especially for covered tanks. Could digesters be built easily and inexpensively, and would energy cost benefits accrue if more farmers grasped the technology?

AgSTAR Program

Other agencies, particularly the Environmental Protection Agency, the Department of Energy, and USDA have expressed interest in methane digester research, according to Tim Murphy of the Soil Conservation Service (SCS). In October this year, a memo was signed by all the agencies under the umbrella AgSTAR program to promote and encourage ways to obtain energy from a system such as a manure digester for pollution prevention. They have proposed a study which involves adding another staff person for SCS to study biogas for three years to help draw up plans for digesters which farmers could utilize.

Money to more fully understand biogas and manure digestion may be available if the Clinton Administration's environmental directives package passes. Part of the plan involves Action 38, according to Michael Voorhies, U.S. Department of Energy, who spoke on an "agencies views on biogas" panel. That action would dedicate $19 million, or about $3 million a year until the next decade, to bring the technology of biogas energy to the forefront.

Right now, no agencies want to commit money to help farmers build a digester. But money and resources, under AgSTAR, will go to developing computer software to help farmers make use of the technology.

Johan Berger, Department of Environmental Resources (DER), said the department, which administers the Chesapeake Bay Program, will provide some advancement in financial assistance from an educational standpoint.

'Harass Foundation'

Dr. Richard Fite, USDA veterinary medical officer, said the key

(Turn to Page A36)

January Milk $15.78

ALEXANDRIA, Va. — Middle Atlantic Order Market Administrator Rex F. Lothrop today announced a Class I milk price of $15.78 per hundredweight for January 1994. This price is up 29 cents from December and is 91 cents above last January's Class I price.

Mr. Lothrop announced a Class III milk price of $12.83 per hundredweight for November 1993 and a Class III-A price of $10.97 per hundredweight for the month.

The Class III price was up 29 cents from the previous month, while the Class III-A price increased nine cents. The January 1994 Class I price and the November 1993 Class III price are based on the November 1993 Minnesota-Wisconsin manufacturing milk price of $12.75 per hundredweight at a 3.5 percent butterfat content.

The November 1993 butterfat price was 74.59 cents per pound, down 1.64 cents from October. The November skim milk price per hundredweight was $10.59.

GLENN'S UDDERINGS

By
Glenn A. Shirk

Lancaster Extension
Dairy Agent

Where Is Your Herd Heading?

DHIA rolling herd averages and cows' lactation records are nice to look at, They show what you and your cows have accomplished.

However, as a herd manager, you also need to be looking to the future to see where your herd is heading and you need to hunt for things you can change that will help you keep your herd moving in the right direction. Your DHIA records can help you do this.

Peak Milk and Persistency of Production

Peak milk per cow per day is one thing to focus on. It affects cows' lactation records and herd profits. Cows make about half of their profit per lactation during the first 100 days or so in milk. Therefore, how fast cows peak, how high they peak and how well they hold their peaks has a great impact on profit. Also of importance is how you can answer these questions: Can they stay healthy? Will cows breed back and sustain high production levels without developing problems that will cause them to be culled prematurely and sold at depressed market prices? If you haven't been doing this very successfully, can changes be made that will enable you to do this?

Peak milk times 225-250 gives you a rough estimate of what first lactation heifers will produce in 305 days. For older cows, multiply peak milk by 200-225. First calf heifers generally peak 80-85% as high as third lactation and older cattle. A lot of this will depend on how well heifers were grown out and managed prior to and after calving. Compared to older cows, heifers hold their peaks better. In other words, they have a flatter lactation curve and they should not drop much more than 5% in milk from the previous month's average daily production. Older cows have a steeper curve and can be expected to drop 8% or so per month. These persistencies appear on your Penna. DHIA Herd Summary Report II. On the Raleigh DHIA Herd Summary report, a test period persistency index of 100 indicates that cows are maintaining average lactation curves.

If cows peak slowly, if they do not peak as high as they should and if they do not hold their peaks as well as you would like, you may want to focus on some of the following areas of management: 1) heifer and dry cow programs, 2) the 2-3 week transition period for heifers and dry cows prior to calving, 3) early lactation feed program, 4) feed quality, 5) bunk space and other feeding practices, 6) herd health program, 7) cows' comfort, etc. Also observe cows' body condition.

Milk Components and Cow Health

Fat tests can indicate the status of a cow's metabolism and how well her rumen is functioning. It can also be a predictor of problems that cows may face in the near future. Fat tests and protein tests can also reflect the cow's emergency balance.

High fat tests soon after calving can indicate that cows are losing flesh too rapidly and are developing fatty livers. This could lead to ketosis, depressed appetites, loss of production, twisted stomachs, etc. If this is a problem, be sure to review your dry cow and heifer management program, the management of heifers and dry cows during the transition period prior to and shortly after calving, feed quality, ration formulation, feeding practices, cow comfort and anything else that may affect cows' appetites.

Low fat tests may indicate that cows have an acid rumen, which depresses appetites and milk production, and reduces efficiency of digestion; more of the feed ends up in the gutter rather than in the milk tank. Acidosis can also cause laminitis which can predispose cows to other foot problems. Fat tests may not add much to the market value of your milk, but it is still important to feed cows for normal rumen function. If you accomplish this, fat tests for Holsteins shouldn't drop much below 3.5; otherwise; there is a chance that cows' rumens will not function properly and efficiently.

When cows are underconditioned and body scores drop into the low 2's, protein tests can start dropping and fat tests may be at or below protein tests. These cows are in a very severe negative energy balance. Chances are they won't display heats, and if bred, they probably will not conceive. Look for calving intervals to stretch out and for cows to possibly start calving at the wrong time of the year — in the heat of the summer, or slipping out of the base-building period and into the excess milk season which means their milk will be worth less.

If tests are low be sure to check rations for adequate forage dry matter intake and for forage fiber intake. Also important are length of chop, forage quality, fat levels in the ration, how and when grain is fed, proper use of buffers, etc.

Stay attuned to some of these warning signs and make necessary adjustments in your management program in timely fashion so the herd keeps moving in the direction you want it to move. Keep the steering wheel in your hands.

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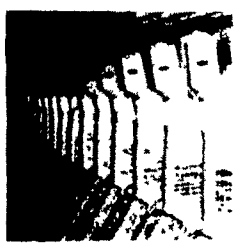
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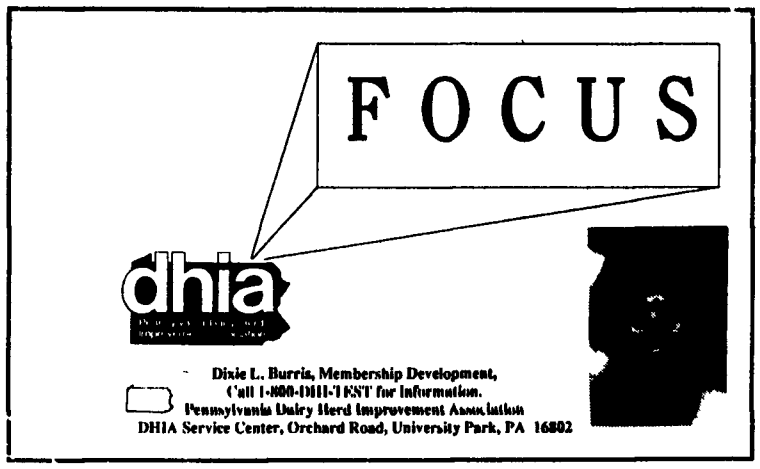
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How Does Your Herd Compare?

STATE COLLEGE (Centre Co.) — These data are calculated using information pulled from Pennsylvania DHIA's mainframe computer each week. It is a one-week summary representing approximately one-fourth of the herds on test, as they are tested monthly.

These data are valuable from a business management standpoint and can be used for comparing your operations to the averages from about one-fourth of the herds across the state.

DHIA Averages for all herds processed between 11/20/93 and 11/27/93

Number of Herds Processed	1,070
Number of Cows Processed	68,373
Number of Cows Per Herd	63.9
Milk Per Cow (Lbs)	18,420
%-Fat	3.67
Fat Per Cow (Lbs)	676
%-Protein	3.19
Protein Per Cow (Lbs)	588
Average Days in Milk Per Cow	317
*Value for CWT Milk($)	12.66
*Value for CWT Grain($)	7.63
*Value for CWT Hay($)	4.23
*Value for CWT Silage($)	1.51
*Value for Pasture Per Day($)	.28
*Value for Milk Per Cow Per Year($)	2,333
*Feed Consumed Per Cow Per Year(Lbs)	
A: Grain	7,517
B: Hay	2,129
C: Silage	15,241
D: Day Pasture	57
*Feed Cost Per Cow Per Year($)	
A: Grain	574
B: Hay	90
C: Silage	231
D: Pasture	16
*Total Feed Cost Per Cow Per Year($)	912
*Income Over Feed Costs Per Year($)	1,420
*Grain to Milk Ratio	1:2.4
*Feed Cost Per CWT Milk($)	4.95
Avg Level For 969 SCC Herds	348,894

*Member-generated figures

Cow Size Doesn't Matter

LARRY SPECHT
PSU Dairy Animal Extension

STATE COLLEGE (Centre Co.) — Everyone likes growthy heifers, whether for show-ring competition or commercial dairy production.

Growthier heifers can be bred at a younger age and brought into the milking herd sooner. Questions arise, however, when optimum size of lactating cows is discussed.

There is no question that taller and larger individuals always catch an observer's eye first — they are easier to see. But is larger really always better?

Dairy cows have been getting bigger over time. The increase has been gradual, but there is no doubt that Holsteins have become larger over the past 25 years.

Currently available AI bulls average +.38 for stature STA, with a base of cows born in 1985.

Furthermore, the top 25 TPI bulls in the Holstein breed average +1.25 for stature STA. This should tell you where we are headed.

Is larger size important for increased milk production? Probably not.

Over the past 40 years, most studies that have looked at size and production have reported relationships of zero or slightly positive. The slightly positive results can easily be explained by unthrifty cows that have stunted growth and diminished productivity.

Among healthy cattle, there probably is no relationship of size and production.

What about the relationship of cow size and survival?

One of the best studies on this topic was reported by Iowa State University in 1992. The study examined the genetic relationship of size traits and survival of 53,830 daughters of 617 sires.

On a +1 to -1 scale, the relationship of stature and longevity was -.23. When longevity was adjusted for milk yield, the estimate became -.21.

This is fairly strong evidence that bigger might not be better for cow survival.

(Turn to Page A37)

Trip To China Yields Digester Information

ANDY ANDREWS
Lancaster Farming Staff

NEW HOLLAND (Lancaster Co.) — China, with the world's fifth largest population at one billion people, stands alone at the forefront of simple methane digester technology. It uses 4.9 million digesters, primarily for cooking.

The United States, on the other hand, could benefit from what China has learned. The U.S., with about 260 million people, has only about 30 known digesters.

Recently, several farmers and agency representatives returned from a trip to the People's Republic of China to learn more about how the Chinese utilize digesters as an important, everyday tool to their survival.

The Chinese government supports this technology, because it has to, according to Gerald Heistand, Chesapeake Bay technician, who accompanied the group to the China study in July this year. The trip was sponsored by the USDA Office of International Cooperation and Development with grants from several ag industry and other organizations, including the Center for Rural Pennsylvania.

The group was comprised of Dr. Richard W. Fite, veterinary medical officer, USDA; Harlan Keener, Lancaster County swine producer; James Kauffman, Lancaster County poultry farmer; Virgil Gutshall, Perry County vo-ag teacher; Dr. Robert E. Graves, ag engineering professor, Penn State; and Heistand.

What the group found was that digesters were in every village, on every farm, in the four provinces they visited. In most cases, digesters were required by law, mostly because electricity is not available.

But most of the digesters are used primary for cooking, in a country, totally communist, where 80 percent of the people are farmers. Most of the digesters are small, with only about a 2,000 gallon capacity or less. Methane is used to power the stove for cooking. The rest is released as a waste product.

In one village the group visited, in order to have a building permit, you needed to install a digester. The digesters are simple underground units. Many are right next to large urban areas, underneath huge high voltage lines, according to Heistand.

According to Robert Graves, what the group saw and recorded will be studied, and the results will be recorded and made available for public information through the Center for Rural Pennsylvania, a sponsoring organization. The Center is an agency that works for the Pennsylvania general legislative assembly in Harrisburg.

The Chinese farmers have small, labor-intensive systems, with about 10-20 hogs, and use both animal and human manure in their systems. Also, effluent is used for fisheries. The sludge and reside are spread on fields and crops, including orchards.

Yuan Haiying, ag attache from the Chinese embassy, said the purpose of the trip was to promote exchange of information on biogas technology between the two countries. He said he visited the Harlan Keener farm in Lancaster County and was very impressed. In his country, only state farms have that size of operation.

Average Farm Feed Costs For Handy Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's this week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania. Remember these are averages so you will need to adjust your figures up or down according to your location and the quality of your crop.

Corn, No. 2y - 2.89 BU. 5.17 CWT.

Wheat, No. 2 - 3.31 BU. 5.53 CWT.

Barley, No. 3 - 2.00 BU. 4.27 CWT.

Oats, No. 2 - 1.61 BU. 5.02 CWT.

Soybeans, No. 1 - 6.36 BU. 10.62 CWT.

Ear Corn - 70.05 TON 3.50 CWT.

Alfalfa Hay - 112.50 TON 5.63 CWT.

Mixed Hay - 103.00 TON 5.15 CWT.

Timothy Hay - 110.50 TON 5.53 CWT.

Digester Technology

(Continued from Page A34)

to farmers using the technology is their inititiative. "You folks own the manure, and it's your livelihood that is at risk" from environmental groups and other legislative pressures. He told farmers to "harass the Chesapeake Bay Foundation without mercy" to get them to fund cost-sharing on the construction and utilization of digesters.

"Perhaps through this whole approach, we can satisfy the public demand, and the public is demanding that our farms smell good and look good and don't bother them," said James Kauffman, a poultry producer in White Horse.

Harlan Keener said that manure "is there anyhow," and using a digester "would make a big difference."

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Cow Size Doesn't Really Matter

(Continued from Page A36)

A 1988 Penn State study reported relationships of type traits and survival to 4.5 years of age.

Registered and grade cattle were separated for analysis with very different results for the two groups.

For registered cattle, most type traits had a positive correlation with survival. But for grade cows, only four traits had a significant relationship with survival to 4.5 years.

These traits included udder depth (shallower), teat placement (closer), stature (shorter), and body depth (shallower).

Why different results for registered and grade? Probably because registered cattle are kept if they are perceived as being desirable in their conformation. Beauty doesn't influence grade culling decisions.

The same study looked at survival to seven years — for grade cows, udder depth and teat placement were the only type traits with significant relationships with survival.

The University of Minnesota (Crookston) has conducted a genetic study with dairy cattle since 1968 that focuses on cow size.

Bulls must be in the top half of the active AI bulls for production (currently fat plus protein pounds is used as the production trait). Beyond this, only size is looked at to select service sires for the cows in the herd.

Holstein Association STA's are combined with the index: 2 (stature) + strength + body depth. Semen is used in the herd from the three most extreme bulls each direction in each year.

Large bulls are used only on the large-size cow group, and small bulls are used only on the small-size cow group.

The University of Minnesota study has generated a herd of cows with tremendous differences for cow size, with differences due mostly to genetics.

Numerous studies have been conducted with the large and small genetic groups.

Health costs were compared, and there were no group differences except that the large group had significantly more displaced abomasums.

Production has never differed significantly for the groups. However, the large cows have substantially greater dry matter intake.

With no difference in production, clearly smaller cows are more efficient producers.

A recent study of feed intake with the size selection herd involved splitting the herd into three groups based on what they actually weighed (phenotype), small, medium or large.

Although cows have stacked pedigrees for large versus small size, there still is overlap of the two groups for actual body weight of cows.

Accounting for difference in size of bull calves for sale and salvage value of cows, estimates of income over feed cost for 2½ lactations favored small cows ($5,118) over medium ($5,110) and large cows ($5,041). Differences of health costs and survival were not included in these estimates.

Why place any emphasis on cow size in selection decisions?

If we select for productivity alongside important type traits for survival (udders and feet), won't the cow tell us how large she needs to be?

There is little evidence that bigger is better for size of dairy cows. In fact, there is mounting evidence that smaller Holstein cows may have economic advantages.

Comments by Dr. Les Hansen of the University of Minnesota, will be downplayed by some and ignored by others, but as he says, "There is mounting evidence that smaller Holsteins may have economic advantages."

Much of the difference among sire evaluations for type can be traced to bulls that sire big animals, versus those siring more moderately-sized cattle.

In the show ring, there is no question that the class winners and the champions are extremely large for their age and usually sired by bulls with average or below average production summaries.

Hansen's comments call attention to the old adage, "Bigger isn't always better."

Author's Note: Taken from remarks by Dr. Les Hansen of The University of Minnesota at a dairy cattle breeding seminar during this year's World Dairy Exposition in Madison, Wisconsin.

Pa. Holstein Conventions Set

STATE COLLEGE (Centre Co.) — The Pennsylvania Holstein Association is reminding members of all ages about the upcoming conventions to be held February at the Ramada Inn-Gettysburg.

Deadlines for registration are fast approaching.

The Junior Holstein Convention is first, running Feb. 11-13 with a weekend theme of "Blue meets Grey," reflecting the historic significance fo the Gettysburg area.

Along those lines, tour have been scheduled to visit the Gettysburg Battlefields and view the Cyclarama, which shows the many battles that took place around Gettysburg.

Workshops have been planned on how to develop and lay out an advertisement, how to put together a Distinguished Junior Member book for competition, and also a tour has been set to go to Penn-Gate Farms for a workshop on selecting show heifers.

The annual Junior Holstein Association meeting is to be held, which is to include a review of the past year and a discussion of plans for 1994. In addition, directors are to be elected.

A special award is also to be presented to the county with the most Junior members in attendance at the annual meeting.

The dairy bowl contest is to be held with the winning teams that represented Pennsylvania at the national contest in Seattle, Washington.

A Saturday night dinner is also on the intinerary, with door prizes, including cattle embryos, to be offered. After dinner entertainment is a dance and Karaoke.

A Sunday awards program is to feature presentations to many Juniors who have done outstanding work in a variety of areas of Junior Holstein Association activity.

Also during the weekend, there are to be commercial exhibits, a dairy bar, use of an indoor swimming pool, and time to visit with friends.

Deadline for registration for tickets and room reservations is Jan. 24. Reservations should be made at the Ramada Inn, 1-800-776-8349.

For tickets to the Junior Convention, send an order form to Sharon Hammond, 1747 Holly Pike, Carlisle, PA 17013, or call (717) 486-4934 after 5 p.m.

Later in the month, from Feb. 24 to Feb. 26, the Pa. Holstein Association Convention is set to be held, with southcentral counties serving as host.

The convention committee, chaired by Steve and Chris Wood, of Penn-Gate Farms, has scheduled a number or tours and activities for attendees.

Of some of the highlights, tours are to be Thursday, Feb. 24, along with an fun-focused evening program; the banquet is scheduled to be held Friday evening, and the convention sale has been set for Saturday, 10:30 a.m., in the Ramada Inn-Gettysburg ballroom.

Additional events on Friday include an awards breakfast, a ladies program, and annual meeting. The planning committee is also scheduling different programs and speakers for the convention.

For more information, call the Holstein Association at (814) 234-0364.

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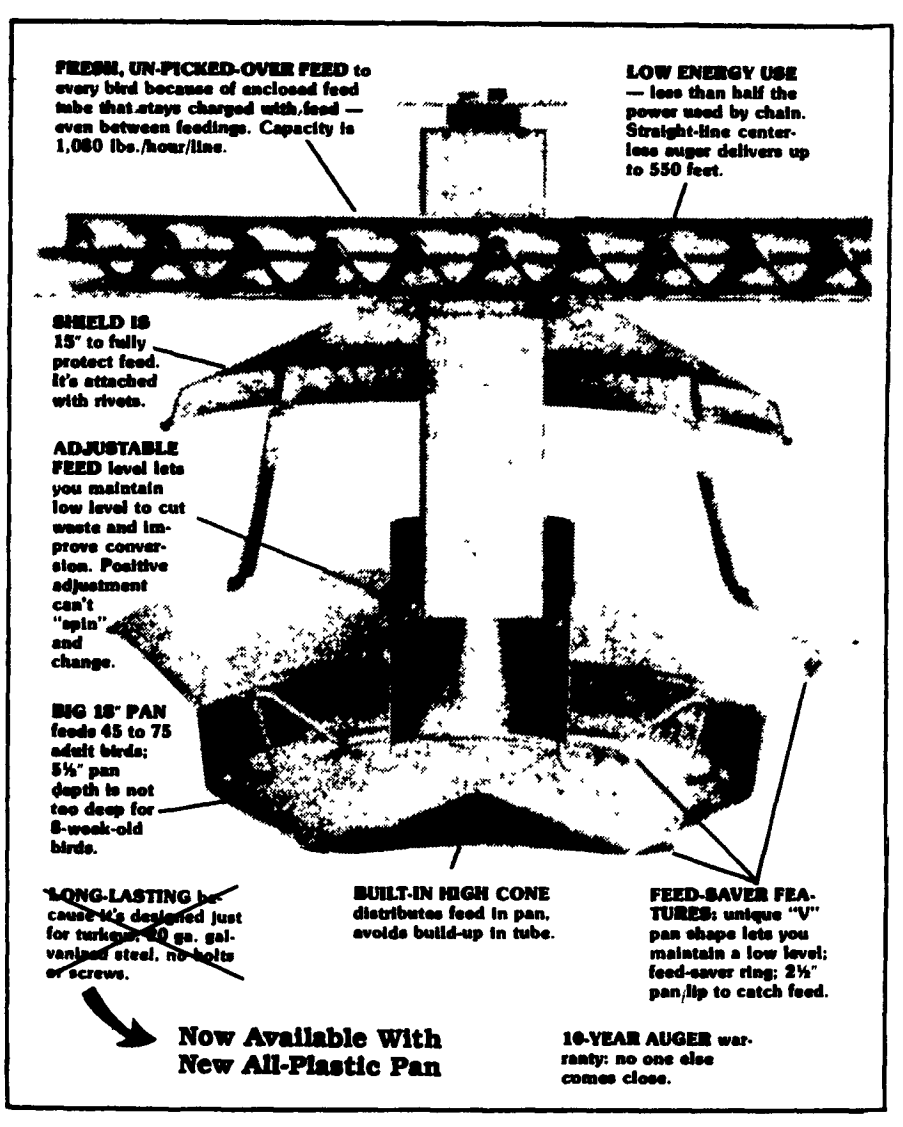
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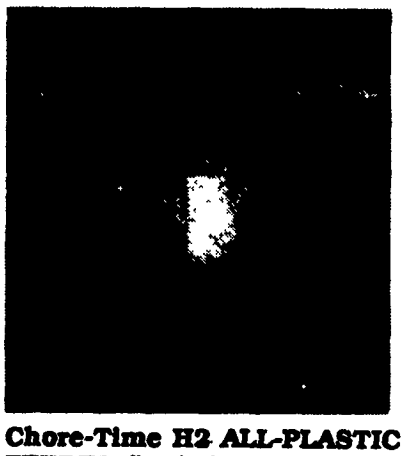

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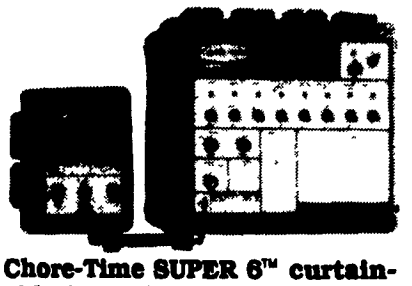

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Pork Prose

(Continued from Page A33)

meal. Some researchers even suggest that the change in the grunting pattern serves as a signal for the pigs to "get ready" for the milk flow.

When the milk let down ceases, the pigs often massage the udder again. We're not sure why they do this, because the milk flow has stopped. But there is evidence that the duration and intensity of massage on a teat can influence the milk production from the two glands supplying that teat.

Hormonal Changes In The Sow

The stimulation of nursing creates a hormonal shift which, in turn, brings on a cascade of physiological changes in the sow.

The digestive tract is adapted for an increase in feed intake. Fat stores throughout the body are mobilized for the monumental increase in energy that the sow will need to crank out milk. The blood flow and metabolism in the mammary gland change in a way that help the udder mop up every scrap of energy and nutrients that happen to pass by in the blood stream. And all of this, which affects the life of the pig and the money in your pocket, is intensified as pigs spend more time massaging the udder.

Can The Sow And Pig Understand Each Other?

Any producer that's farrowed at least one sow will agree that as soon as a sow starts the grunting (barking) routine, pigs will stop what they're doing and line up at the dinner table.

But Dr. Algers takes it a step farther. He has found that when sows and litters are exposed to 85 decibels of fan noise, the grunting of the sow is masked. As a result, fewer pigs are attracted to the front of the udder. The systematic routine of massage-suckle-massage is disrupted. Total time spent nursing and massaging is reduced. Fights occur more frequently. And not surprisingly, milk production is lower.

Now stop and think about the last time you had a conversation with someone in your farrowing house, especially during the summer months when the fans were rolling. You have to shout to be heard. And if you're more than 10 feet apart, you can't even understand each other.

Now, add to that the sound of a radio, played loud enough that you can hear it over the noise of the ventilation system. It should make you wonder if we're doing the sows any favors by adding even more clatter to a place that already is not very peaceful.

Is it important for a pig to hear the sow's voice? One study has shown that at one day of age, 46 percent of the pigs tested in three litters responded to the voice of their own sow when it was tested against the voice of another sow. By day two, 88 percent responded exclusively to their own sow. If nature has built in that recognition ability, I think it's fair to assume there must be a reason.

Using What We Know

Scott Hoffer and a crew of five who manage a 1,200-sow farrow-to-feeder unit in Lebanon County make an art of cross fostering. I say this, because in the two years that the unit has been farrowing sows, preweaning mortality has averaged less than five percent.

Admittedly, the large farrowing groups present more opportunities for cross-fostering, but the following practices obviously go a long way toward reducing death loss.

As a farrowing room fills with newborn pigs, litters are first equalized for number and size of pigs. From there on, sows and litters are carefully observed, and the best and poorest milking sows are quickly identified. The small, weak pigs are moved to the best nursing sows (especially those with slender nipples that are easily to nurse). The largest, most robust pigs are placed on sows that seem to be struggling.

Often entire litters are moved, and sometimes more than once. This cross-fostering process continues throughout lactation, terminated only 4-5 days prior to weaning. The increased massage brought on by big hungry pigs, as well as some well-timed injections of oxytocin, usually bring the poorer milking sows around. And if you haven't already noticed, what Scott is doing fits well with the theories suggested by research.

Summary

1. The delicate process of nursing and milk production is one that has much to do with whether we make or lose money in the hog business.

2. Improving our understanding of the metabolic changes brought on by lactation, the behavioral patterns of the sow and the pig, and the elusive signals of communication will clearly help us maximize sow productivity.

3. Hearing and recognizing sounds made by the sow appear to be important for the piglet in stimulating milk production. Given that, we should try harder to make our farrowing rooms a little more like the spot a sow would choose in the wild, and a little less like a bus station.

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Ohio Breeders Do Well With Jerseys

REYNOLDSBURG, Ohio — The eighth annual Guernsey Gold Futurity was held on Nov. 7, 1993, in Louisville, Kentucky, at the North American International Livestock Exposition. Judge Dave Kjome of Rochester, Minnesota, presided over the 3-year-old royalty participating in the show.

The winner of the 1993 Guernsey Gold Futurity was Raemelton Prime Majestic, an 89 point Geo Mars Andy Prime daughter owned by Ralph Turley of Mansfield, Ohio. "Majestic" has production records to 18,200M 4.6% 835F 3.5% 634P at 2-00 in 365 days, earning her a cheese try sponsored by Tri-State Milk Cooperative for the high protein award.

She was presented with a champagne coller donated by Ed and Shirley Wright of Saginaw, Michigan, and the first place banner sponsored by E.R. Berousek of Yukon, Oklahoma. "Majestic" also received the best udder award a footed silver tray donated by Four Winds Farm of Hartland, Wisconsin, and the Russell Wenger Memorial Award, a silver tray sponsored by Calton Wenger of Goshen, Indiana, for the best bred and owned animal.

The first runner-up was Sande Hill Jeans Jewel, an 87 point Shenmont Telestar Sarge-ET daughter. Her owner, Leroy Lindley of Oxford, Ohio, was presented with a silver revere bowl donated by R-Way Farm, Southington, Ohio, for placing second.

Winning the high milk, high butterfat and high cow performance index awards was Twin Brook Fayette Taffy, an 87 point Fayette daughter owned by Jonathan McMurray of Eighty Four. "Taffy" has production records to 16,240M 4.6% 752F 3.3% 535P at 2-05 in 319 days.

American Breeders Service, DeForest, Wisconsin, donated the silver water pitcher for the high milk production award to McMurray. Marfred Farm, Saluda, South Carolina, sponsored the silver bread basket for the high butterfat production award. The octagonal wall clock for the high cow performance index award was sponsored by Bay Meadow Farms, Galt, California.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

DECEMBER

TUES., WED., THURS. DEC. 14, 15, 16 - 10AM Fairhills NJ, Manalapan NJ, Haverstraw NY. Tues. L.V. Ludlow Bldg. Supplies, Rte. 202 Farhills, NJ. Wed. Millhurst Business Park, Manalapan, NJ. Thurs. Rt. 9W & Westside Ave. Equipment & Store Fixtures, Paint, Household Items, Hardware, Tools, Plumbing Supplies, Garden Supplies, Elec. Dept. Pool Supplies, Lumber, Kitchen Cabinets, Doors & Windows, Misc. Peter Costanzo, Aucts.

THURS. DEC. 16 - 12Noon, Bob's Big Boy Restaurant. Located Colonial Park, Rt. 22 East, Harrisburg, Pa. Directions: I-81 To I-83 Exit Colonial Park, Directly Across From Colonial Park Mall. Mark Baranowski, Auct.

FRI. DEC. 17 - 11AM Mt. Rock Farm Christmas Cow Sale, 100 Holsteins. Located South of Carlisle, Pa., off Rt. 81 at Plainfield Exit to Rt. 11, S. 2 miles to Cumberland Golf Course, turn right, go 1 mile to Clay Rd., left to stop sign, left to 2nd farm on left. Bill & Cynthia McKeehan, owners. Rick Foreman, auct.

FRI. DEC. 17 - 11:30AM 2 Complete Holstein Herd Dispersals at Shady Lane Dairy Sales, Inc., ¼ Mile West of Quarryville, Pa. off Rt. 372 onto Oak Bottom Rd. Managed by Shady Lane Dairy Sales, Inc.

SAT. DEC. 18 - 1:30PM Personal Property. From Reading take Rt. 183 N. to Fairview Rd. turn right to White Oak Rd. turn right to property. Bern Township, Berks Co. By Martha Peters. Horning Farm Agency, Inc.

MON. DEC. 20 - 3:30 PM Leesport Farmers Market. Toys and games, antiques. Dave Boyer, auct.

PUBLIC AUCTION
MONDAY, DEC. 20th
3:30 P.M.
LEESPORT FARMERS MARKET

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Lots of Toys and Games: Childs sad iron, dolls, 16MM cartoons, Roy Rogers guitar & cup, Pez's, Gi Joe items, racing sets, car & airplane models, lunch pails, cartoon glasses, Hot Wheel sets, books, McDonald's items, Ideal motorific boats, Wiley E. Coyote figures, Fort Apache, lots of games, etc.

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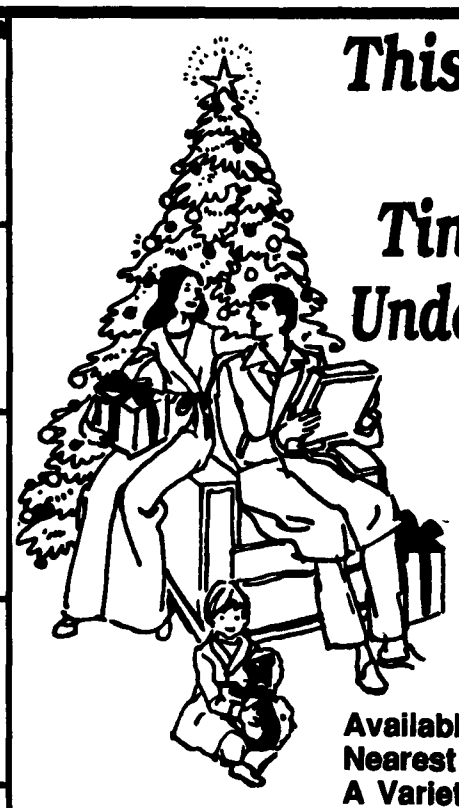

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PSU Dean Hood: Farm Smarter, Educate To Survive

VERNON ACHENBACH JR.
Lancaster Farming Staff

HERSHEY (Dauphin Co.) — The dean of Penn State University's College of Agricultural Sciences said Thursday that, in order to survive, agriculturalists in the Northeast must manage more, develop their own markets, and become more involved in their local, urbanized communities.

Dr. Lamartine Hood, dean of PSU College of Agricultural Sciences, was the featured speaker at the annual convention of Agway, held at the Hershey Lodge and Convention Center.

The convention was actually one of three regional conventions held this year. Traditionally, Agway held its annual convention in Syracuse, N.Y., near its headquarters.

Hood had been asked to comment on his view of the future of agriculture in the Northeast.

While he didn't say specifically what his vision of the future of agriculture would be, he did say that he could forsee a continuing role for a diversity of agricultural endeavors.

According to Hood, success in the future will depend on an "individual and collective ability to address issues and capitalize" on opportunities.

"We must convert challenges into opportunities," he told the audience of several hundred farmers and Agway employees.

He said that there is "no question that (farming) is changing. Agriculture will be carried out in an urbanizing environment."

According to the dean, farmers across the Northeast face several common challenges — operating in a way that ensures a minimal negative impact to the environment, and ensures clean water and healthy, wholesome food.

"Obviously, urban pressure is different for everyone, but many challenges are common across counties, across the state and the region," Hood said. "There are many issues that we in agriculture are deeply involved in."

He said that in 1990, the College of Agricultural Sciences conducted a random survey as part of an ongoing effort to determine the effectiveness of extension programming and public educational needs.

The survey asked, "Compared to what is being done now, what priority do want in the following areas in the future?"

Hood said there were about 50 items listed on the survey for comment.

Of the 7,500 surveys sent out, the college received 3,600, which is an extraordinary response to a survey, he noted.

But, according to Hood, the common theme in the responses was the environment. He said six of the top items dealt with the environment — safe disposal of industrial wastes; clean water; protection of natural resources; safe sewage handling and treatment; preservation of farmland; and safe use of agricultural chemicals.

That compares to a response to a 1980 survey in which farmland preservation was the only environmental issue that was of major public concern.

He said the urbanization of Pennsylvania's historic agricultural areas have also created an different environment for doing business.

He said that despite the demands being put on local communities by the "new neighbors" — such as increased demands for services, and the increased congestion — they also represent opportunities.

According to Hood, farmers of the future will be the ones who see the new neighbors as increased marketing opportunities, sources of local revenues and stimulants to the local economies.

And he said that the neighbors also represent political power.

"Our new rural residents can and will exert influence on every area," Hood said.

Increased pressure to regulate livestock operations, nutrient management and pesticide application controls have been brought about people who have moved to "the country" and have changed it, he said. But, it will not end. "Other issues will follow," Hood said.

Therefore, he cautioned farmers that in order to keep a place in the new communities, they must become more involved.

"The 'we-were-here-first' attitude isn't going to get it done," Hood said.

Overall, Hood said there are six main things he wanted to impress upon the audience as what they will have to do to succeed in the Northeast:

- Make a commitment to management and enhanced profitability.
- Be good neighbors and involved citizens.
- Commit to foods systems education. Educate neighbors face to face. Invite them to the farm. Hire their youth.
- Form strategies for marketing. Build alliances, partnerships and linkages.
- Understand and respond to the market place.
- Be comfortable with change.

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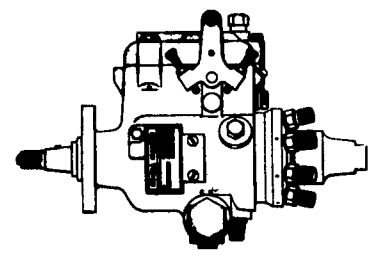

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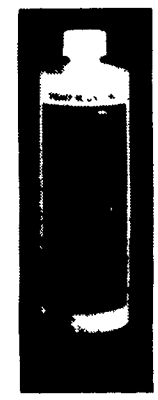

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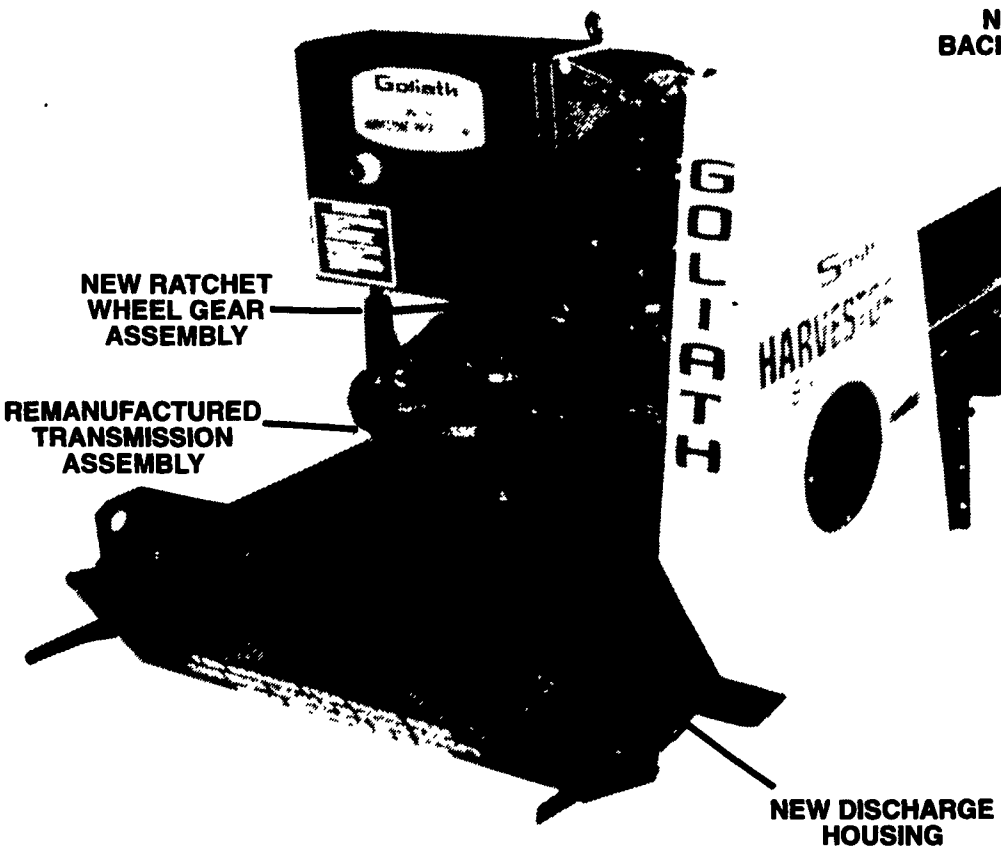

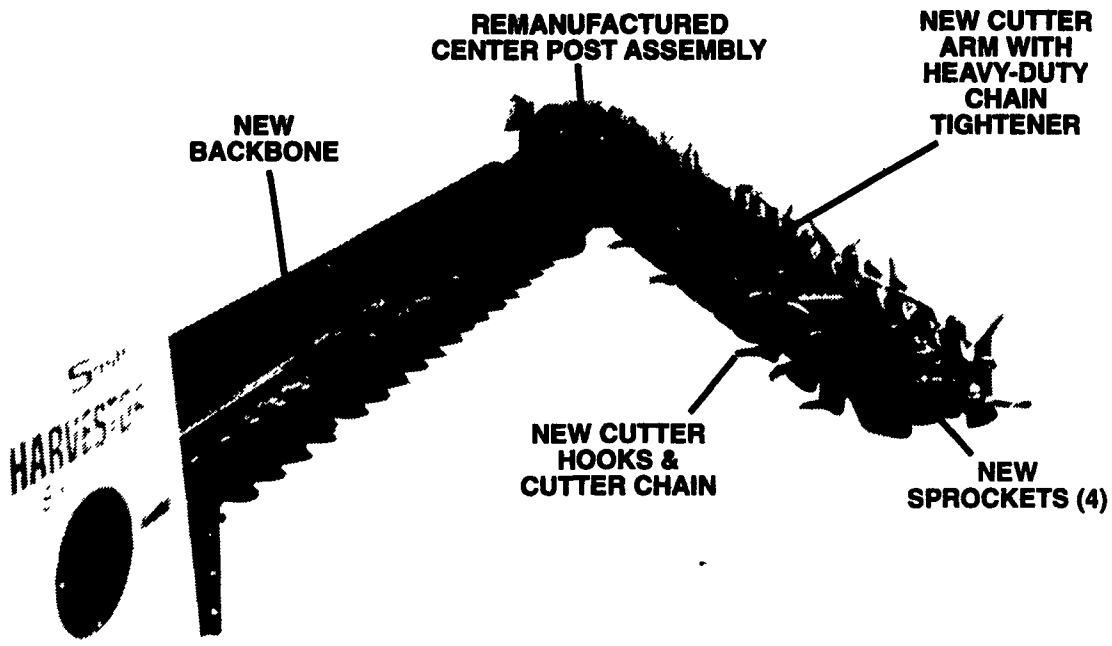
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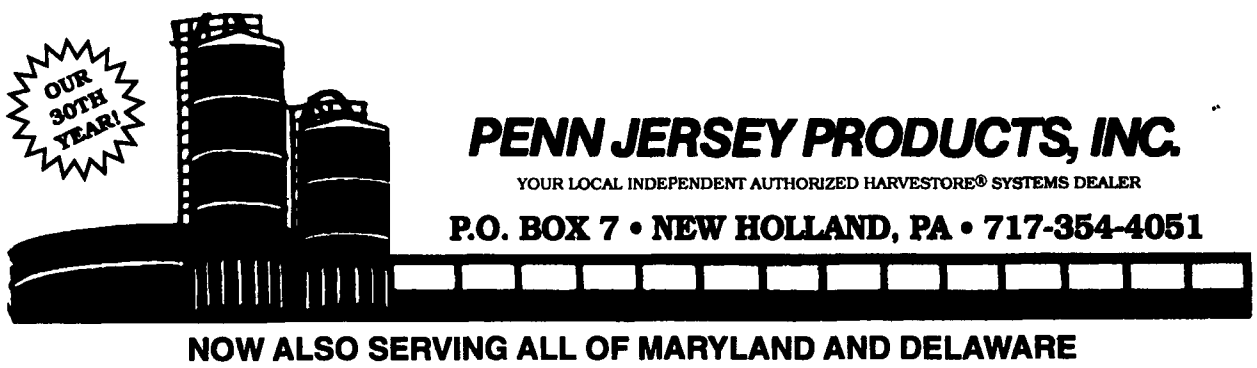

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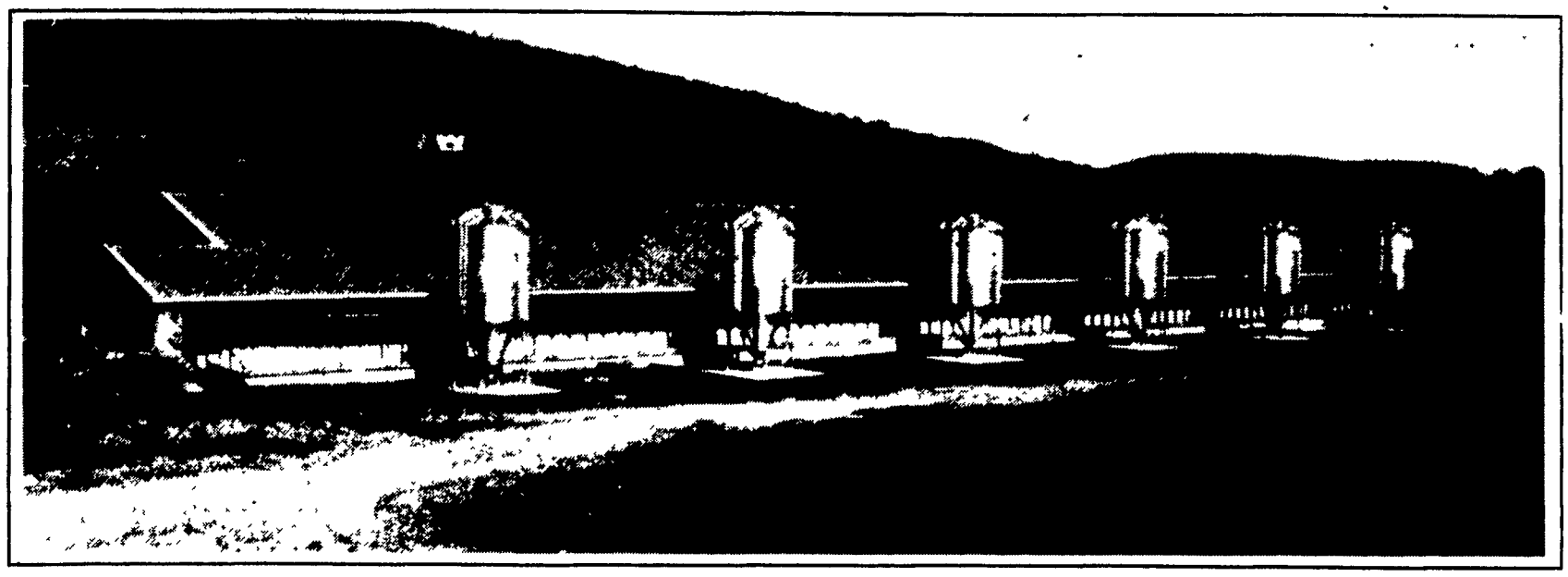

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Son Ignites Spark Of Optimism On Century Farm

LOU ANN GOOD
Lancaster Farming Staff

STRASBURG (Lancaster Co.) — Spiraling equipment costs, lower crop prices, and sporadic rainfall do not deter Carl Landis in his quest to farm.

The 28-year-old farmer said, "I'm not easily discouraged by setbacks. If it's a dry year, you just put up with it, work a couple of extra hours, and spend less."

His wife, Audrey, laughs heartily at the idea that her husband might ever become discouraged by farming obstacles.

"Him, scared of farming setbacks? Not him. To him, farming is a game. He has enough optimism for both of us," she said.

Carl attributes his positive attitude as a result of the the realistic way in which he was raised.

"My dad let me do things myself. He always let me see the bills when I was growing up so I wasn't shocked when I started farming," he said.

Carl's parents, Clair and Arlene Landis, were recently honored for their Century Farm. It was Carl who researched the family farm to validate that it had been in the family since 1853. The original 93 acres were purchased by the Landis's great-great grandparents Jacob and Susan Ranck. For about 60 years, the farm was rented to non-relatives until Clair and Arlene moved on it 30 years ago.

Son Carl is the sixth generation of the family to farm. In addition to Carl, the Landis family includes Charlotte, who works for an accountant but helps on the farm weekends; Cindy who is married to Todd Gingrich; and Calvin, a junior at Lampeter Strasburg. He takes an interest in farming but has not decided whether or not to make it a career.

"We don't have a partership but each have our own thing we are responsible to do," said Carl. He lives with his wife and 18-month-old daughter in the tenant house on the property that now comprises 120 acres.

During the farm's history, an additional 10 acres were purchased, but Carl said, "We still don't know how 18 acres were added. We want to take more time to research it at the courthouse."

He suspects it may be the plot of ground that the tenant house stands on since it borders another road and is located several acres from the farmhouse. Generally, tenant houses were built near the barn. The tenant house was built about the same time as the farmhouse, so the Landis family surmise that the house on an 18-acre plot was sold to the family after the initial purchase.

A unique feature of the farmhouse is that it has a window between two bedrooms. The window was used to pass medicine and food back and forth when family members were quarantined from flu and other epidemics.

The two Landis families are not in partnership, but they work together. Clair and Arlene are responsible for milking 75 cows of registered and grade Holsteins and take care of most of work on the Century Farm. Carl owns 10 registered cows and plans to switch slowly to all-registered cows.

Carl and Audrey take care of registration, milk every other Sunday, operate a custom combining and silo filling business, and rent an additional 180 acres for crop farming.

Arlene is in charge of the bookwork for the dairy. Audrey does the bookkeeping for the custom combining business and helps with milking every other weekends and as a fill-in during busy times on the farm.

Carl is just finishing up combining and silo filling of 1,000 acres. With the land he rents, he raised high moisture corn that he puts in ag bags and sells. He made 19,000 bales of hay.

"We don't sleep too much around here," Carl said. "One thing we got around here is steady work. We don't have to worry about running out of work."

Carl said that he likes milking cows, field work, and everything that needs to be done on the farm. The only drawback is that farming doesn't pay enough for all the hours that he puts in it, but he is optimistic that it will change someday.

In the meantime, "I can make enough money. It's just that there is too much government in everything," he said.

His advice to those who hope to start farming on their own is to start buying equipment and animals slowly but as early as possible. He started buying when he was a teen-ager and now owns a lot of equipment.

"That way, when I'm ready to take over my dad's farm someday, I'll already own the equipment and it won't be as much outlay for the farm," he said.

Clair and Arlene Landis, standing, were recently honored for their century farm that has been in the family since 1850. The house in the background was built in 1865. Their son Carl, his wife Audrey and daughter Arlisa, live in the tenant house on the property and work on the farm in addition to operating a custom combining business and renting additional acreage.

This year, for the first time, Carl used a lot of no-till practices on the land. He said that he experiemented with disc, chisel plow, and no-till with beans but could not tell the difference in results. Consequently, Carl leans toward no till.

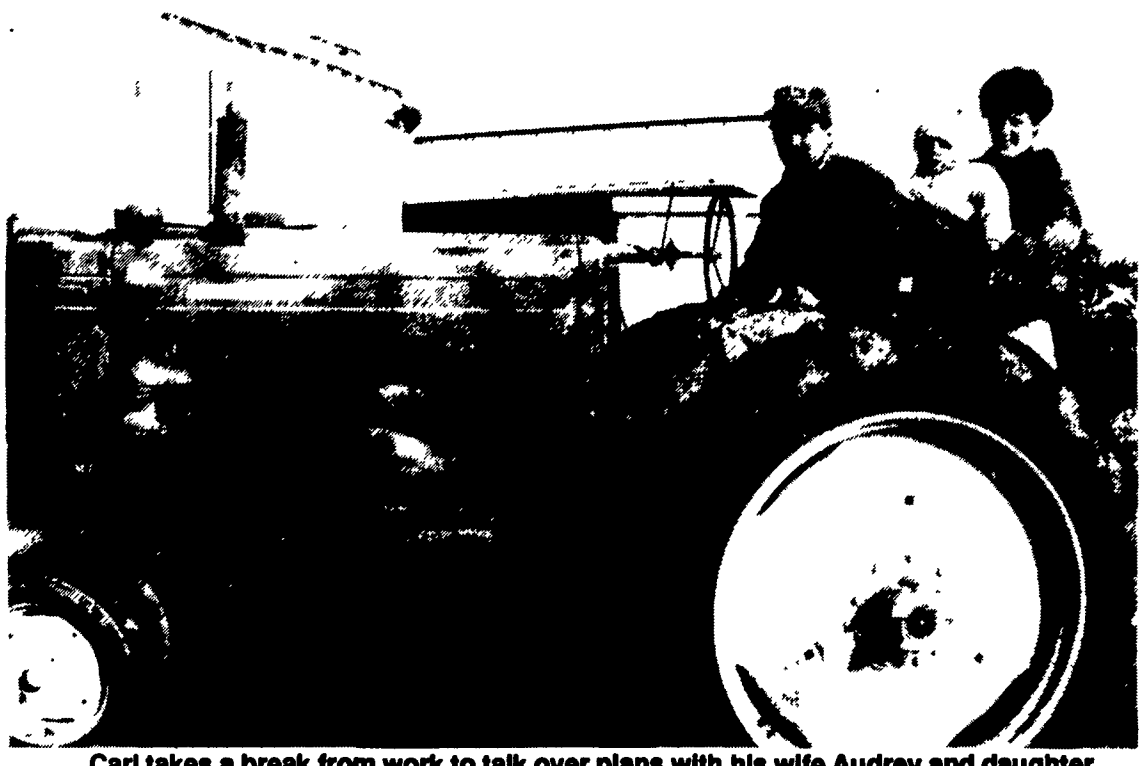
For the rented ground, Carl hauls in chicken manure but cow manure is spread daily on the century farm. A manure pit is on his wish list.

The rolling herd average is 22,500 pounds.

"I always say my dad was breeding for the future years ago," Carl said. "He never made fat when

(Turn to Page B3)

Homestead Notes



Carl takes a break from work to talk over plans with his wife Audrey and daughter Arlisa. "This is the first tractor we had on the farm and was my favorite as a kid," Carl said.

Eighteen-month-old Arlisa tries out one of the chairs that her grandmother Arlene finished with macrame while her grandpa Clair looks on.

Century Farm

(Continued from Page B2)

they wanted it. It was just luck that he made protein so it worked out great for us when they wanted protein."

The rolling herd average has increased during the past several years. The family attributes the increase to feeding high moisture corn.

Milk is shipped to Atlantic Dairy Cooperative.

Since the Landis family purchased the farm 40 years ago, they have built a 40 stall freestall barn. They switch cows around from 42 tie stalls. They have added another silo, equipment shed, and tore down a tobacco shed.

Carl is a district 6 director for the Lancaster Farmer's Association and is a member of the Pennsylvania Farm Bureau.

One of the major keys to successful farming, Carl said, "is to listen to the other guy's ideas."

"I like to talk with other people. I see a lot of things that work and a lot that don't," he said. "I throw all the ideas together and use what I can. Then I go and get done as much as I can as fast as I can. I get a lot done in a hurry. Farming is just a bunch of hard work."

"Work?" his wife questioned. "That's an understatement."

Although only 18 months old, Arlisa is said to take after her dad because she never sits still.

Tips For Healthy Holiday Plants

HUNTERDON, N.J. — A new house plant, even a holiday purchase, can be a disaster instead of a delight. In spite of controls used by plant suppliers, insects may be part of the purchase. Or transition from greenhouse to shop to home may cause problems. It pays to take some precautions with new plants.

Look over intented purchases for pests or signs of pests. Mealy bugs, scales and white fly might actually be seen. If signs of pests discolored, distorted, or sticky leaves are present, choose a different plant. New plants should always be "quarantined" for a month or so to make sure no insects, that might spread to other plants, are "aboard". Use a separate water container for the newcomers.

Apparently perfect new plants may develop problems shortly after they have been brought home, and no insects can be found. Some plants respond to a change in environment with yellowing and dropping leaves. (I have had Ficus benjamina and Dracaena marginata drop leaves when moved from one spot to another in the same room!) If a new plant was chosen with its new location in mind, it will eventually adapt to the change. A gradual transition to different light level (especially low light) can help.

Yellowing, browning, dropping leaves could signal a more serious problem. Because of frequent watering, commercial growers use more intense fertilizer applications then the home situation requires. In the home setting, when the plant is maintained drier, the salt levels in the potting mix of a new plant may damage roots and leaves. It is a good idea to water a new plant generously when it's brought home to wash excess salts away from the roots. There's generally no need to fertilize new plants.

The foil used to decorate gift plants can be deadly, preventing proper drainage and leading soggy "soil" and rotted roots. Poke holes through the foil at the drainage openigns as soon as the plant arrives.

Early precautions won't guarantee no problems, but at least a new plant will have a fair start.

The "New Jersey 1993 Choose and Cut Christmas Tree Guide" is available at the Extension Center on Route 31. Pick up a copy Monday through Friday 8:30 am to 4:30 pm, or send a SASE to Rutgers Cooperative Extension of Hunterdon County, 4 Gaunt Place Flemington, NJ 08822.

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On being a farm wife - And other hazards

Joyce Bupp

Without thinking, I pitched the almost-empty jar of peanut butter into the trash. After opening the lid and noting how rancid the remaining contents smelled, it hadn't been hard to decide that these few tablespoons had long passed being tasty — even if it did seem wasteful to toss it out.

Peanut butter is a staple in our household, spread on celery, crackers, raw apple slices, blended in cake and cupcake icing. This container had somehow gotten pushed way into the back corner of the kitchen cupboard, probably months before. While retrieving baking ingredients, I'd found the long-lost jar and promptly chucked it.

Then I had second thoughts. And fished the peanut butter container back out from the bottom of the kitchen trash can.

"The birds will love it," I told The Farmer, warning him that the small amount of peanut butter in the jar was not advised for his consumption. At the same time I had to 'fess up that we had unbelievably otherwise run out of one of his very favorite snack foods. But the birds would at least have some.

"Birdbrain" the youngest has labeled me on more than one occasion. Friends, too polite to say it, probably think the same thing.

For instance, several years ago, we planted a dead tree just a few feet away from one of the kitchen windows. That's right, dug a hole and planted a dead tree, a several-year-old maple with a trunk about four inches across.

There was a simple, logical reason for such seeming foolishness. We needed a suet feeder site at that particular spot so we could watch the ladderback woodpeckers at closer range. A small dead tree, with a trunk and branches for serving an onion-bag filled with suet chunks, was The Farmer's solution. And it worked perfectly, bringing the hairy, downy and red-bellied woodpeckers, nuthatches, even big, bossy bluejays to where you could almost look them right in the eyes.

After the recent heavy wind and flooding rainstorm that swept through York County, I noticed the tree was flat on the ground. Since it seems otherwise unscathed and there are still some of last year's suet chunks in the freezer, we will probably replant the dead tree.

Another large, dead limb from one of the big maples lies in another corner of the yard, snuggled between the low-sweeping spruce and a weeping cotoneaster shrub that droops long branches toward the ground. Into this somewhat tangled corner come the cardinals, chirping loudly as they rummage on the ground beneath for sunflower seeds.

While it does tend to make the yard look messy in that area, the brushy corner remains in steady popularity with the cardinals. And when snow covers the ground, as many as a dozen gray and white juncos can often be counted scratching around under the tumble of limbs.

Scruffy-looking or not, the dead limb will stay yet another winter. Come spring, though, I may ask The Farmer to lop off the bulky trunk section which sticks out and invariably snags the lawn mower as it passes.

Another oft-questioned "bird" item on the farm sits on the most distant pond bank, a 15-foot high pole with a flat, square platform fastened to the top. This was the youngest's design a few years back (the one who calls ME a birdbrain), and is so located to provide a nest-site for the ospreys that make rare appearances at the meadow pond.

While we have yet to see an osprey use the high platform, the local blue heron sometimes perches there to scout for fishy snacks. Damp mornings bring an occasional vulture to the high-rise, sitting there with wings slightly outspread, drying in the sunshine. And I recently snapped pictures of the resident redtailed hawk, surveying the pond and meadow from the poletop lookout.

So, given our tendencies toward bird-brained ideas, how could I throw out slightly old peanut butter that will be perfectly good for slathering on pine cones to hang out for the birds to enjoy this winter?

I'm much too "cheep" for that.

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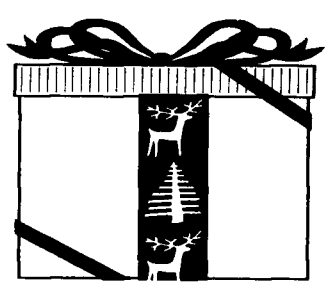

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DEC. 27	DEC. 28	DEC. 29	DEC. 30	DEC. 31	JAN. 1
PUBLIC SALE 12 Noon ROP ADV. 5:00 PM	CLASSIFIED FARM EQUIPMENT & ETC. 5:00 PM		PRINTING AND MAILING DATE	HOME DELIVERY DATE	HAPPY NEW YEAR
JAN. 3	JAN. 4	JAN. 5	JAN. 6	JAN. 7	JAN. 8
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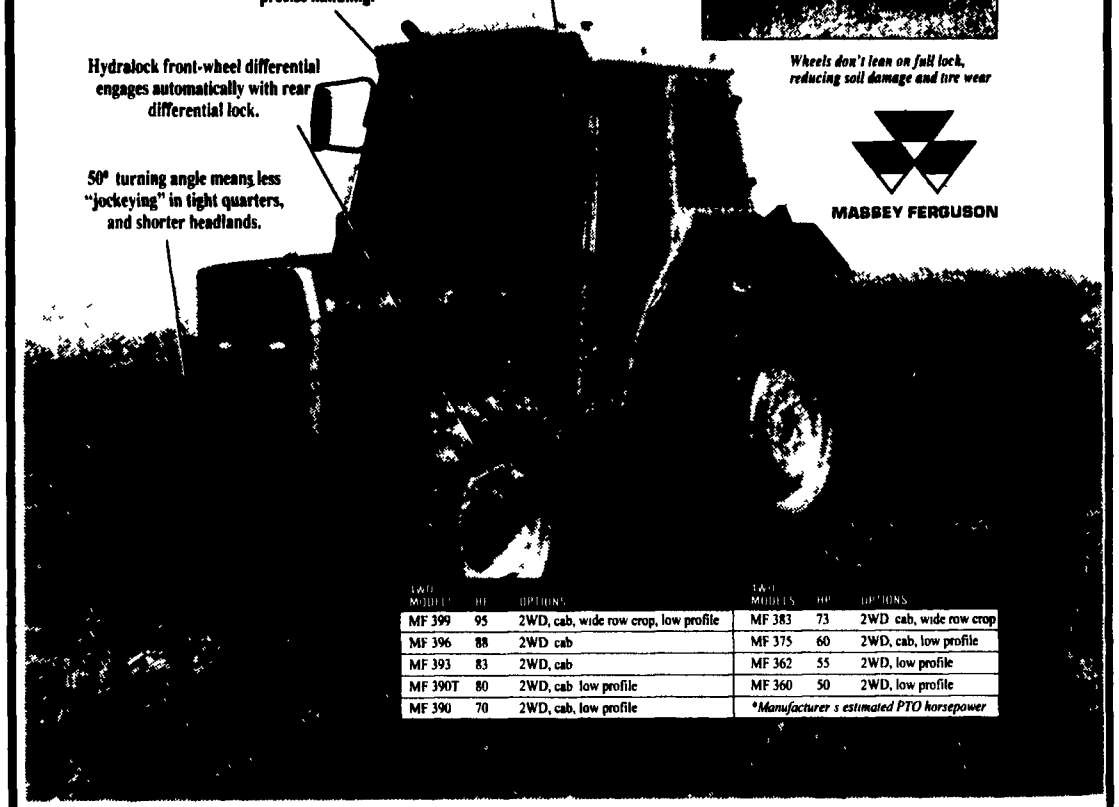

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TAKING TIME

by Rebecca Escott

Extension Home Economist

When is a bargain a bargain?

Boy! The headlines on the junk mail flier made it sound like such a great deal — $3,500 cash in 24 hours, no credit check. Wow! What a deal. Then as you read on, you learned the details. You only have to pay a mere 17.9% interest. That's as high as some of the highest credit card cash advance interest rates. In today's economy that is no bargain.

It's an advertiser's job to make money for his company. But it's a consumer's responsibility to make wise choices. December is the craziest month for advertisers and consumers. As a family financial management educator, I encourage you to be on your guard as you make your spending decisions.

There are several guidelines that you can use, but first I want to share with you a success story from my own life of when a bargain truly is a bargain. Last month my husband and I took a much needed vacation to Savannah, Georgia for four days. And what a bargain it was. We figured out that we spent $25.30 total for the wonderful experience. It was a story of using our resources wisely. First, we traveled by plane for $12 thanks to frequent flyer coupons. Then we boarded at my brother's home with his wife and children. They treated us to most of our meals. We did spend $13.30 on supper one night but it bought a bag of six hamburgers, six fries and four large sodas. I've forgotten, do they make deals like that in Pennsylvania?

For entertainment we walked in neighborhoods and along the waterfront. We even went to a wildlife preserve and saw bald eagles, wolves, bears and alligators. (Our admission to the preserve was a can of cat food from the pantry.) That vacation was a deal!

Now your plans may not include a trip to Savannah, but I'm sure you're still interested in making wise choices for the use of your money this holiday season. Here are some buying tips:

1. Purchase items that will last. Clothing and toys that are not durable are usually not smart choices. Inspect packaging, check seam finishes, read labels. An expensive price tag or a well-known brand does not guarantee quality. Be sure to ask about return and guarantee quality. Be sure to ask about return and guarantee policies so you have recourse if a blouse fades quickly or if a toy is missing parts.

2. Purchase items that have multiple uses. An appliance that has one use, a toy that performs one trick, a blouse that is coordinated with only one outfit, a pan that cooks only one food item, any of these purchases may become dust collectors before you get your money's worth from them. Select items that encourage creativity or that are versatile.

3. Purchase items from a list. Mall shopping can be disastrous if you don't have a list! The gimmicks, aisle displays, special one-day-only offers will cause anyone to spend beyond what they may have intended. Before shopping, check the closets and other hide-aways. What items have you already picked up during the year as stocking stuffers? How much have you already spent? Get a grasp on your gift-giving needs before you hit the retail scene. The stick to the written list that includes a dollar range and item suggestions.

These tips should help you find the real bargains and make your holiday both enjoyable and affordable. Remember the real bargains are the TIMES you spend enjoying the company of those you love.

Osteoporosis: Are You At Risk?

PITTSBURGH (Allegheny Co.) — It's a disease that is preventable and treatable, but only if you know what to look for and how to take action. Here's a quick checklist to help you determine your likelihood of developing osteoporosis and what steps you can take to help prevent it.

_____ **Are you female?** Gender plays an important role in this disease. Women are approximately four times more likely to develop osteoporosis than men. Women have less bone mass than men and also lose bone more rapidly at menopause.

_____ **Are you a couch potato?** Lack of regular exercise — especially weight-bearing exercise such as walking or aerobics — increases bone loss.

_____ **Are you calcium deficient?** Low calcium consumption throughout life limits the amount of bone being built. In adulthood, this may lead to greater bone loss.

_____ **What race are you?** Caucasians and Asians have a higher risk of developing the disease than African-Americans.

_____ **Are you thin or frail?** Underweight people tend to have lower bone mass than people at healthy weight.

_____ **Is it all in the family?** Yes, this is an inheritance you can do without. The tendency to develop osteoporosis may be passed from generation to generation.

_____ **Are you middle-aged/menopausal?** Everyone loses bone as they age. The decrease in estrogen that occurs with menopause accelerates bone loss. Accelerated bone loss also occurs when women cease to menstruate due to low body weight or excessive exercise.

_____ **Do you smoke and drink?** Indulging can take its toll on bones. Heavy alcohol use is lined with low bone mass and smoking contributes to bone loss.

Although osteoporosis typically doesn't become evident until later years, dietary habits throughout life influence your risk of developing the disease. A lifetime of adequate calcium consumption not only helps build peak bone mass in younger years, it also helps decrease bone loss in adult years.

The recommended intake of calcium is 1200 mg per day (equivalent to 4 servings of milk, dairy products or other calcium-rich foods) for males and females ages 11 to 24 and for women who are pregnant or breastfeeding. Children under 11 and all adults 25 and older should consume at least 800 mg (3 servings) of calcium per day.

Other prevention strategies include a regular program of weight bearing exercise, moderation in alcohol consumption, quitting smoking and estrogen therapy after menopause.

As part of the public awareness campaign to inform consumers of the vital role nutrition can play in preventing osteoporosis, ADA's National Center for Nutrition and Dietetics' Consumer Nutrition Hot Line is featuring a special recorded message in November 1993 and March 1994. "The Calcium and Osteoporosis Connection" is available to callers from 8 a.m. to 8 p.m. (Central Time) by calling 800-366-1655. A free fact sheet on osteoporosis is also available to callers.

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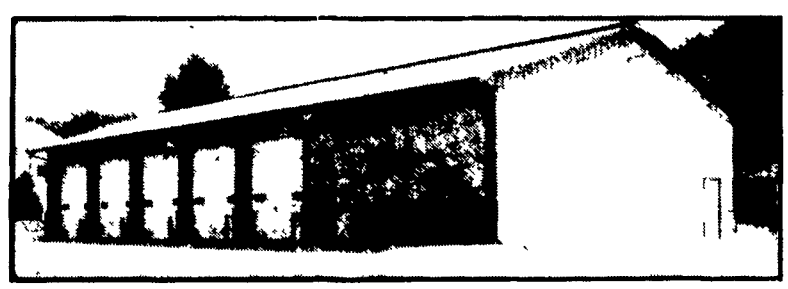

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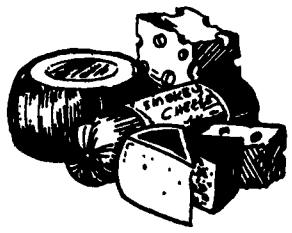


Home On The Range

Holiday Sippers

Looking for a festive beverage to serve your holiday guests? Here are many recipes from our readers and also from dairy associations.

These are all non-alcoholic and appealing to all ages.

To make your cold drinks a hit at a party, chill the punch bowl, glasses and all ingredients thoroughly before serving.

Use large blocks of ice to keep the punch cold because it melts more slowly than ice cubes.

For a more festive touch, make ice rings that contain non-dairy ingredients like mint or fruit. Don't be afraid to experiment with food colorings in the ice or added directly to the punch — they brighten up the punch but don't affect the taste.

Diane Myers, Cumberland County Dairy Princess, encourages people to try milk punches. These punches seldom taste like milk but more like a cocktail drink, she writes. They are nutritious and you don't have to worry about a hangover the next day.

Don't be surprised to find yourself mixing up one of these drinks even when a party isn't planned. It's a great pick-me-upper after decorating the tree, baking Christmas cookies or a long day shopping.

Happy celebrating!

STRAWBERRY DAIQUIRI

2 cups milk
2 cups frozen strawberries, slightly thawed
1 teaspoon fine granulated sugar
5 ice cubes

Combine ingredients in blender until frothy. Serves 3.

Diane Myers
Cumberland Co. Dairy Princess

CRANBERRY JUICE

1 pound cranberries
5 cups water
3 orange slices
Pinch salt
½ cup sugar

Wash berries and put in saucepan with the water, orange slices and salt. Cook over moderate heat until all berries pop, about 10 minutes.

Turn the berries, orange slices and liquid into a cheesecloth-lined sieve. Strain the juice without pushing and reserve the berry and orange pulp to make cranberry sauce. Return the juice to the pot and add sugar. Boil 2 or 3 minutes. Add more sugar, if needed. Cool and chill.

ORANGE JULIUS

10 ice cubes
1 cup milk
1 cup water
⅔ cup frozen orange concentrate
1 tablespoon vanilla
½ cup sugar

Put all ingredients into blender and beat well.

SPECIAL COCOA

6-ounces semi-sweet chocolate pieces
½ cup sugar
⅓ cup water
¼ teaspoon cinnamon
1 cup whipping cream
Hot milk

Combine chocolate pieces, sugar, water, and cinnamon in a heavy 1-quart saucepan. Heat over low heat, stirring constantly, until mixture is smooth. Remove from heat; cool to lukewarm. Whip cream until stiff peaks form; fold into chocolate mixture. Chill. To make chocolate drink, spoon 1 heaping tablespoon chocolate mixture into each cup; add hot milk and stir until smooth. Chocolate mixture makes 15 to 20 cups of hot chocolate. Chocolate mixture may be prepared ahead of time. Store in tightly covered container in refrigerator for up to one week.

Variations: Chocolate-Peanut Drink: omit cinnamon. Add ¼ cup creamy peanut butter to chocolate mixture.

Chocolate-Orange Drink: Omit cinnamon. Add 2 tablespoons grated orange peel to chocolate mixture.

SPARKLING PARTY PUNCH

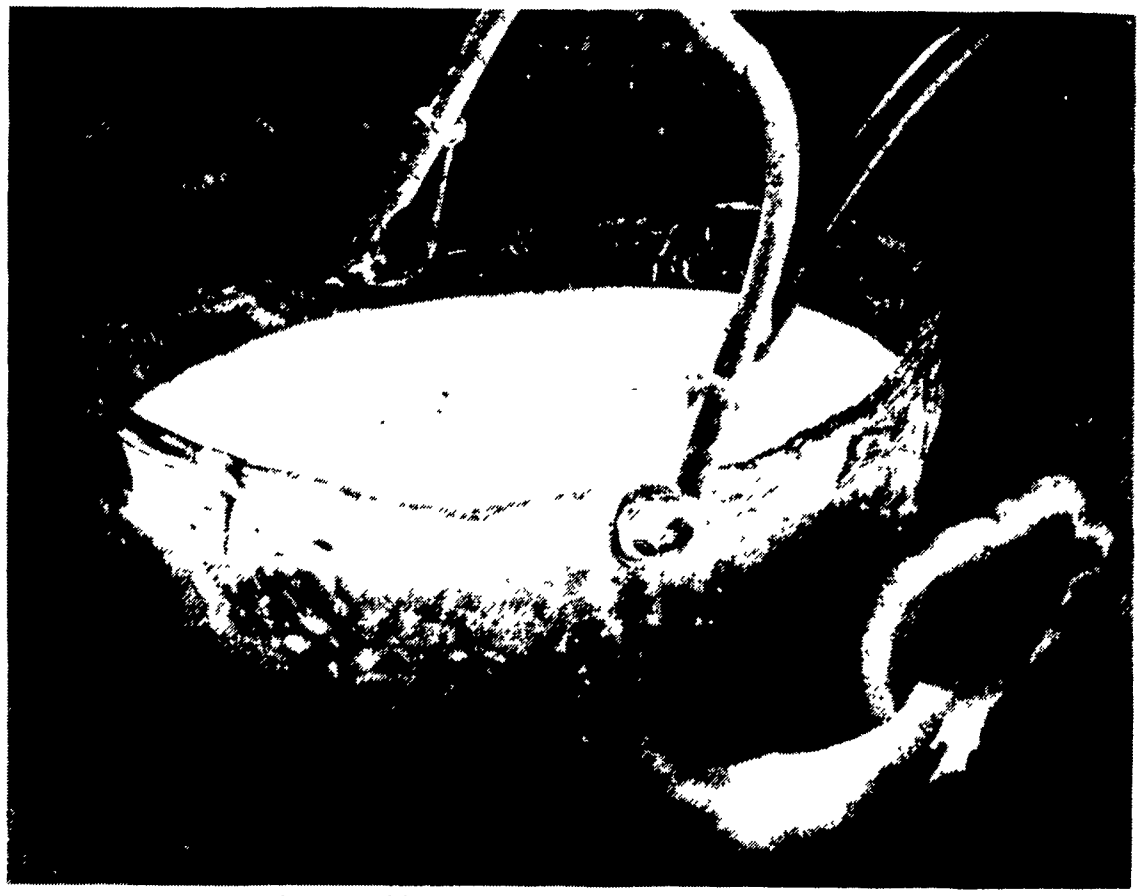
2 large cans frozen orange juice
1 large can frozen lemonade
1 tall can pineapple juice
1 tall can apricot nectar
1-2 liter bottle ginger ale

Mix frozen juices as directed. Combine with pineapple juice and apricot nectar. Chill several hours or overnight. Just before serving, add gingerale and stir well.

Contributer writes: *I mix half the juice mixture with half the ginger ale for a first batch and then mix the second half if needed. It is a golden punch — lovely in a punch bowl over a frozen ice ring.*

The juices can be stored chilled and ginger ale added as needed for "drop in" guests during the holidays.

Pat Elligson, Millers, Md.



Milk punch is a healthful and popular beverage for holiday parties.

PURPLE COW

1 cup whole or 2 percent milk
2 scoops vanilla ice cream
3 tablespoons grape juice concentrate

Combine all ingredients in blender until smooth and creamy. Serves 2.

Karen Heilinger
Lebanon Co. Alternate Dairy Princess
Jennie Maulfair
Lebanon Li'l Miss

FAVORITE PUNCH

1 can red Hawaiian Punch
2 liter bottle ginger ale
1 small sherbert, any flavor

The red punch is a favorite at our house and sherbert makes a nice foam on top.

A reader

PEACHES VAROOM

½ cup milk
½ cup sliced peaches
1 scoop vanilla or peach ice cream

Combine in blender until thick and foamy. Other fruits in season may be used. Try freezing it also. Serves 1.

Jennie Maulfair
Lebanon Li'l Miss

FUZZY NAVEL

1 cup milk
1 cup orange juice
½ cup sliced peaches
2 scoops vanilla or peach ice cream

Mix in blender. Serves 2.

Jen Bashore
Lebanon Co. Dairy Princess

THE BIG APPLE

1 gallon milk
12-ounces apple concentrate
1½ quarts vanilla ice cream
Cinnamon
Nutmeg

Mix together. Add cinnamon and nutmeg to taste.

Jen Baashore
Lebanon Co. Dairy Princess

WARMING WINTER PUNCH

1 orange, unpeeled
1 lemon, unpeeled
½ cup granulated sugar
½ cup firmly packed brown sugar
2 cups water
4 sticks cinnamon
¼ teaspoon whole cloves
4 cups fresh squeezed orange juice
2 cups pineapple juice
½ cup fresh squeezed lemon juice

Slice unpeeled fruit into cartwheels, discarding end cuts. Slice cartwheels in half and place in heat-proof pitcher or punch bowl. In large saucepan, combine sugars, water and spices; simmer, uncovered, for 10 minutes. Add orange, pineapple, and lemon juices; warm over low heat, but do not boil. Pour over sliced fruit; serve piping hot in mugs and garnish with one each of the orange and lemon half-cartwheels. Makes 2 quarts.

HOLIDAY PUNCH

12-ounce can frozen grape juice
6-ounce can frozen cranberry juice

Add water as directed on can. Add 2 cups orange juice

When ready to serve, add:
1 large bottle lemon-lime soda

Add ice and serve.

Jane Ferguson

GEORGE WASHINGTON FLOAT

Black cherry seltzer, chilled
1 large scoop New York cherry ice cream
Whipped cream

Fill a tall chilled glass two-thirds full with seltzer. Drop a scoop of ice cream into glass. Top with whipped cream. Serve immediately.

Am. Dairy Association

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

December
18- Holiday Treats
25- Christmas Dinner

January
1- Soups & Stews
8- Breakfast Favorites

Featured Recipe

Jennifer Grimes put her college career on hold to accept the Pennsylvania Dairy Princess crown.

"Being a dairy princess is more important," she said. "I can always go to college later. I have the rest of my life to do other things, but I have only one year to be a dairy princess."

As dairy princess, Jennifer is working hard to clear up many misconceptions that both young and old have about dairy products.

"Some people think that all dairy princesses do is to stand there and look pretty," she said. "Little do they know."

All dairy princesses are strong promoters of the dairy industry that is well represented this year," she said.

For more about Jennifer, her family, and their farm, look for the feature story in this issue.

Don't forget to try this recipe, one of Jennifer's favorites.

OREO COOKIE DESSERT

1 pound package oreo cookies
½ cup butter
1 large package instant vanilla pudding
8-ounces cream cheese, softened
8-ounces whipped topping
3½ cups milk

Crush cookies, melt butter; pour over cookies and mix. Put half of cookies in 9x13-inch pan.

Mix remaining ingredients until mixture thickens and pour on top of cookies. Sprinkle remainder of cookie crumbs on top. Refrigerate.

Ephrata Young Farmers Collect Gifts For Needy

LOU ANN GOOD
Lancaster Farming Staff

STEVENS (Lancaster Co.) — The hum of a saw and the smell of sawdust fill the air at Dale's Workshop.

"I thought I would put some spice into someone's Christmas," Dale Whissler said.

That spice is a unique wooden train that Dale designed. Each car of the train carries a letter that spells the child's name. The train serves as a dual toy. It has wheels so that it can be used as a push toy and it is also a puzzle.

"I like to do things that no one else wants to do," Whissler said of his wooden cutout business.

His latest project is one that he is giving away to brighten some child's Christmas.

Whissler is one of the members of Ephrata Area Young Farmers who want to give Christmas to a family who are in great financial need.

The organization chose a family that was forced to flee an abusive situation. The mother is the sole support for a 15-year-old daughter, 14-year-old twin boys, and a 1½ -year-old grandson with development and speech delays.

The Young Farmers are collecting food and used and new clothing for the family.

Specific needs for the 14-year-old twin boys are size 10 sneakers, size 29x30 jeans, book bags, flannel shirts, sports team sweat shirts, watches, and socks.

For the 15-year-old daugher: size 5 sneakers, shirts, sweaters, and sweatshirts — the bigger and baggier the better, size 13-14 jeans, socks, hair accessories, pierced earrings, and a book bag.

For the 1½ year-old grandson: size 3T clothing of all types, educational toys, books, and stuffed animals.

For mom and the entire family — money to help meet the family's needs throughout the year.

The gifts will be assembled during the Christmas party on December 21 and delivered to the family on December 22.

If you would like to contribute food, clothing, or toys to the needy family, send it to Karen Becker, 4340 Oregon Pike, Ephrata, PA 17522, (717) 859-3276.

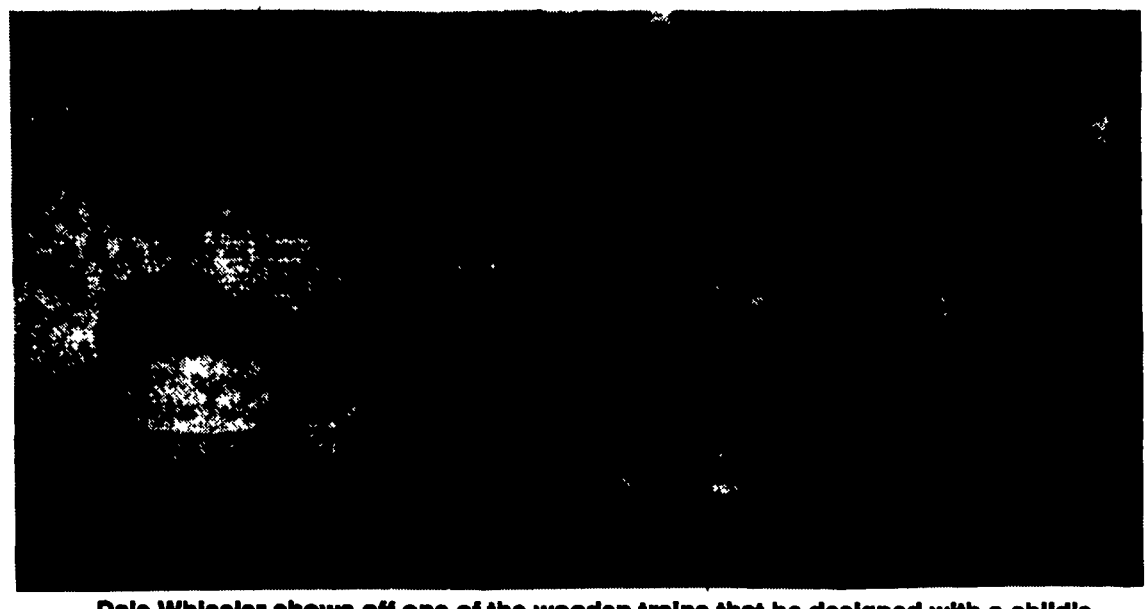
Gifts of cash should be made out to Ephrata Young Farmers with the explanatory memo "Christmas Charity Project." Cash gifts should be sent to Nevin Horning, EAYF treasurer, 560 Millway Rd., Lititz, PA 17543.

Whissler is giving a toy, he said, "Because I like to give them something to keep their minds occupied so they don't get into trouble."

Whissler has a stand at Root's Market, where he sells wooden toys, puzzles, and does custom cutting for people who give him projects or show him pictures of things they would like him to do.

He uses a scroll saw to make unique cutouts of such pictures as a barn raising, locomotive, and a Christmas scene. He also has made more than 2,000 puzzles with different pictures or photographs.

"My wife said that when I get a new idea, I'm like a little boy with a new toy. I can't stop," said Whissler, who works in his woodshop from 2 a.m. to 8 or 9 at night to fill orders.



Dale Whissler shows off one of the wooden trains that he designed with a child's name. The train has wheels and can be taken apart and put together like a puzzle. Whissler is donating a train to the Christmas project established by the Ephrata Area Young Farmers.

Whissler said that a back injury forced him to retire from farming and that is why he took up woodworking. He continues membership in the Young Farmers because he enjoys the organization and there are a lot of nice folks in it.

Whissler can be found at Root's Market in Manheim on Tuesdays or reached at (717) 336-5953.

Toasting Nuts

Most nuts taste rich and good fresh out of the shell. But, it's toasting that brings out their fullest flavor.

Toasting nuts is easy. Most importantly, watch them carefully because the time between prime toasting and scorching is short. These methods work for any type of nut.

- **Skillet method:** Sprinkle nuts in an ungreased, heavy skillet. Cook over medium heat 5 to 7 minutes, stirring frequently, until nuts begin to brown. Then, stir constantly until nuts are golden brown.
- **Oven method:** spread nuts in a shallow ungreased pan and bake, uncovered, in a 350° F. oven for 6 to 10 minutes, stirring frequently, until light brown.
- **Microwave method:** Mix softened margarine or butter and nuts in microwaveable pie plate and microwave on high, stirring every 30 seconds, until light brown. One teaspoon margarine and ½ cup nuts will take 2½ to 3 minutes.

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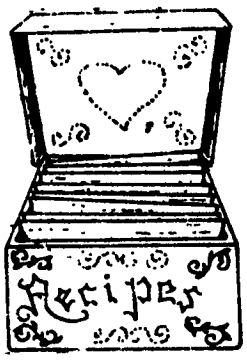

Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Lou Ann Good, Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Sheryl Wolfe, Wellsboro, wants a peanut bread recipe made without yeast.

QUESTION — Brenda Bradish, Latrobe, would like a cookie recipe for peanut butter logs. The inside of the cookie tastes like Zagnut candy bars and is rolled in either nuts or coconut.

QUESTION — Louise Graybeal, Renick, W.Va., would like recipes for low-fat sauces, vegetables, noodles, and lean meats — but not for seafood.

QUESTION — Carole Nace, Mifflintown, would like a recipe for chocolate trifle.

QUESTION — Rose Futrell, Cape May, N.J. wants a recipe for pumpkin cheese cake that includes cognac.

QUESTION — Bette Lawrence, Honesdale, would like a recipe for pear jam or pear jelly that uses green tomatoes as an ingredient.

QUESTION — D. Shultz would like a recipe for Rivvel Cake, a cake made to dunk in coffee.

QUESTION — Samuel Musumeci, Woodstown, N.J., has a non-cooking question, which he hopes readers can answer. He would like to know where to purchase coal to use in an old forge.

QUESTION — Amy Snyder, Gettysburg, would like instructions for making candles using paraffin wax, Ivory snowflakes, and ice cubes.

QUESTION — Mrs. Michael Martin, Maugansville, Md., would like a tomato soup recipe similar to Campbell's but using home canned tomatoes.

QUESTION — A Chambersburg reader would like recipes for bread-making machines. She has a Hitachi. She writes that the only way that she can get good bread is by using less water and extra flour. She's tried many recipes from different bread-making books. She finds that rapid-bake produces a much higher loaf. She cannot get a cinnamon-raisin bread to rise more than one-half no matter what she does. She would like any hints that can help in machine bread baking.

QUESTION — A reader would like to know the rationale for needing to scald milk when a recipe says scald and cool.

QUESTION — A Chambersburg reader would like a recipe for hard candy made with honey.

QUESTION — Mel Martin, Penn Yan, N.Y., wants a recipe for regular old-fashioned pretzels.

QUESTION — Jane Ferguson, Kirkwood, would like a cookie recipe for an almond cookie dough that is wrapped about a Hershey Kiss and baked.

QUESTION — Pat Elligson, Millers, Md., would like a recipe for kinklings, a deep fried large raised type donut. She had some at the Frederick Co. Fair and would like the recipe.

ANSWER — J. Waring Stinchcomb, Suitland, Md., wanted a recipe to make sweetened condensed milk. Thanks to Ruthe Mensch, Catawissa, and John Zimmerer, Fallsten, Md., for sending recipes.

Sweetened Condensed Milk

1 cup dry milk powder
⅔ cup sugar
⅓ cup boiling water
3 tablespoons butter
Pinch of salt, optional

Combine all ingredients and blend until smooth. Use immediately or refrigerate for about one week. Makes 1½ cups.

ANSWER — Virginia Kalp, Stahlstown, wanted a recipe for walnuts in syrup topping. Thanks to Leora Pelet, Hollsopple, for sending a recipe.

Walnut Ice Cream Topping

1¼ cups corn syrup
1 cup maple syrup
½ cup water
½ cup sugar
1 cup walnut pieces

Combine corn syrup, maple syrup, water, and sugar in a saucepan over medium heat. Bring to a boil, stirring occasionally. Stir in nuts. Reduce heat and simmer syrup about 15 minutes or until thick. Allow to cool and refrigerate. Makes four 8-ounce jars of topping.

Holiday Sippers

(Continued from Page B6)

HOT SPICED EGGNOG

1½ cups dairy eggnog
½ cup milk
1 stick cinnamon
¼ teaspoon ground cloves

In saucepan, combine eggnog, milk, cinnamon, and cloves. Heat to simmering point, stirring occasionally. Remove cinnamon stick. Top each serving with sweetened whipped cream and a dash of nutmeg.

APPLE FROST

1 gallon milk
1 quart cider
1½ quarts vanilla ice cream
Cinnamon
Nutmeg

In a bowl, blend milk, apple cider, and vanilla ice cream until frothy. Serve in a chilled punch bowl and add cinnamon and nutmeg to taste. Serves 30.

Diane Myers
Cumberland Co. Dairy Princess

MAUI MILK PUNCH

1½ to 2 quarts vanilla ice cream, softened
3 cups chilled pineapple juice
½ cup orange juice
3 teaspoons lemon juice
4 cups milk

Beat softened ice cream in a large mixing bowl, gradually add fruit juices then milk. Beat until frothy. Pour into chilled bowl. Makes 3 quarts.

Diane Myers
Cumberland Co. Dairy Princess

TOFFEE CRUNCH FLOAT

Vanilla seltzer, chilled
1 large scoop vanilla ice cream with toffee
1 tablespoon prepared caramel ice cream topping
Sweetened whipped cream

Fill a tall glass two-thirds full with seltzer. Drop a scoop of ice cream into glass. Drizzle caramel sauce over ice cream. Top with whipped cream. Serve immediately.

Am. Dairy Association

CHOCOLATE LOVER'S FLOAT

Chocolate cream soda, chilled
1 large scoop fudge ripple or chocolate ice cream
Sweetened whipped cream
Shaved chocolate

Fill a tall glass two-thirds full with soda or seltzer. Drop a scoop of ice cream into glass. Top with whipped cream. Sprinkle with shaved chocolate. Serve immediately.

ORANGE SMOOTHEE

6 ounces frozen orange juice concentrate
1 cup milk
1 cup water
¼ cup sugar
½ teaspoon vanilla
10 ice cubes

Place all ingredients into a blender. Cover and blend until smooth. Serve immediately.

Jacy Clugston
Manheim

GRASSHOPPER

5 cups milk
8 scoops vanilla or mint chocolate chip ice cream
2 teaspoons peppermint extract
5 drops green food coloring

Combine ingredients in blender until smooth. Top with whipped cream. Yields ½ gallon.

Pa. Dairy

IRISH COFFEE

2 cups milk
4 cups cold black coffee
4 scoops vanilla or coffee ice cream

Blend ingredients together in blender, top with whipped cream. Mixture can also be served hot. Yields ½ gallon.

PINA COLADA

3 cups milk
1½ cups ginger ale
1½ cups crushed pineapple
1 teaspoon coconut flavoring

Combine ingredients in blender until frothy. Before serving, combine ingredients with ½ cup crushed ice for each serving. Yields: 48 ounces.

Diane Myers
Cumberland Co. Dairy Princess

GIMLET

4 cups milk
8 scoops lime sherbet
4 drops green food coloring

Combine ingredients in blender until smooth. Yields ½ gallon.

ANSWER — Louise Graybeal, Renick, W.Va., wanted recipes for low-fat sauces, vegetables, noodles, and lean meats. I don't thing that this recipe sound like a low-fat recipe, but it does combine vegetables and meat — a sure pleaser for many tastes. Thanks to Martha Martin, Mount Joy, for sending it.

Wigglers

3 pounds ground beef, browned
9 slices bacon, browned
1 onion
3 cups potatos
3 cups celery
3 cups carrots
3 cups peas
3 cups macaroni, cooked
2 cans cream of celery soup
1 pound Velveeta cheese
1 quart tomato juice

Cook potoates, celery and carrots until soft. Partially cook macaroni. Layer ingredients in roasting pan in the following order: ground beef, bacon, all vegetables, onion, celery soup, and cheese. Pour tomato juice over everything. Bake 1½ hours at 350 degrees.

ANSWER — Barbara Abrell, Winchester, Va., wanted a recipe for Amish Macaroni Salad. Thanks to Suie Trimble, New Providence, and Martha Martin, Mt. Joy, for sending recipes.

Macaroni Salad

1 pound macaroni or baby sea shells
½ cup celery, chopped
½ cup carrots, finely chopped
¼ cup onion, finely chopped
6 hard cooked eggs, sliced
Paprika

Cook macaroni as directed, drain and cool. Set aside. Add
1 hard-cooked egg

Sitr together gently the cooked macaroni, celery, carrots, onion, and remaining egg.

Dressing:
1 pint Miracle Whip
¼ cup vinegar
¾ cup sugar
2 tablespoons prepared mustard

Blend together ingredients for dressing. Fold into macaroni salad. Garnish with hard cooked eggs and paprika.

Amish Macaroni Salad

½ pound macaroni
1 carrot
1 onion
4 hard boiled eggs
¼ cup vinegar
1½ tablespoons mustard
½ cup salad dressing
¾ cup sugar

Cook macaroni in salt water. Drain and rinse in cold water. Add other ingredients. Add chopped hard boiled eggs and the following:
1 carrot, grated
1 onion, chopped

ANSWER — Here's a recipe sent in by Marian Butler, Wellsboro, for Dorothy E. Miller. She writes that this is her family's favorite apple pie recipe since it has no cinnamon flavor.

Buttermilk Apple Pie

1 unbaked pie crust
1 egg
1 cup sugar
1 cup buttermilk
2 tablespoons flour
½ teaspoon butter
1 pound apples, sliced

Fill unbaked pie shell with sliced apples. Whip together egg, sugar, buttermilk, flour, and butter with wire whip and pour over apples. Bake 30 minutes in 375 degree oven. Remove and sprinkle with topping.

Topping:
½ cup light brown sugar
⅓ cup flour
¼ cup butter

Cut together until crumbly. Reduce heat to 350 degrees and bake 15 minutes more. Better when cooled.

(Turn to Page B9)

Need Ideas For Children's Holiday Gifts?

With the holiday season speeding toward us, parents and grandparents are beginning their annual quest to find the "right" gifts for the children in their lives — gifts that will have meaning beyond this season or this year. Gifts that won't be sold at next summer's garage sale, because they're not "in" anymore. Gifts that their children will learn from and grow with, as well as enjoy.

"One of the best gifts you can give is the gift of discovery," said Dr. Alvin Granowsky, an expert in childhood education. "By selecting presents that expand their worlds, you're fueling their curiosity, broadening their knowledge, and providing a source of pleasure they'll enjoy for years to come."

With that in mind, here are 20 ideas for gifts that the children on your list won't outgrow — gifts for every interest and budget. Some are appropriate for one child, others, such as the telescope, the home computer, and the World Book Encyclopedia, are perfect family gifts. And all of them will be valued long after this year's trendy (and often very expensive) toys, fashions, sports equipment, and other "hot" gifts are gathering dust in the closet.

• A coin collecting book, coins minted the years you and the child were born, and a few foreign coins. Or a stamp collecting book, some stamps, and a magnifying glass.

• A small tent and sleeping bag, and an outdoor survival guide.

• A starter set of "real" tools: hammer, screwdriver, wrench, etc., engraved with his or her initials. Accompany it with a book of projects to try.

• An insect collection jar, a butterflynet, and a field guide (along with instructions to release the specimens unharmed).

• A telescope and glow-in-the-dark star guide.

• A classic board game, like chess, checkers or cribbage.

• An introduction to world events, history, heros and wonders (and a leg-up on homework), via a set of The World Book Encyclopedia.

• A bound journal and a copy of Thoreau's Walden to read together.

• A home computer, new software for the computer at home, or a used typewriter and a ream of paper.

• An introduction to your favorite sport: a putter and some golf balls; a tennis racquet and a can of balls; a "grown up" baseball bat and ball; a football, soccer ball or basketball. And, of course, a few tips from you.

• Binoculars, a bird identification guide, and a bird feeder for their window. Or "adult" gardening tools, a gardening book and some seeds and bulbs.

• A camera, some film, a photo album and copies of favorite family photos.

• A piece of jewelry that symbolizes your shared faith or is significant in another way such as a birthstone.

• A microscope and slides (both pre-prepared and blank).

• An "adult" watch or their own clock radio.

• Copies of a few of your favorite classic books, with a note written in each talking about when and why you enjoyed them.

• A piece of your family's history - something you received from a parent or grandparent, along with the story of its significance.

• A guide to fossils and some fossils or dinosaur bone fragments.

• An overnight bag or backpack embroidered with their initials.

• A musical instrument (as small as a harmonica, or as big as a piano), inastructions or lessons.

Giving gifts from this list will gain you the quiet thanks of your child's or grandchild's teachers as well. Educators encourage students to pursue hobbies and collections, strongly recommend that children have reference materials and books available at home, and applaud all family efforts to keep their children excited about learning.

Cook's Question

(Continued from Page B8)

ANSWER — For the reader who requested a recipe for Sesame Chicken Soup, here is one from Lynn Rossi, Lititz.

Sesame Chicken Soup

1 tablespoon sesame seeds

Brown sesame seeds in dry saucepan over medium heat. Add:

1 tablespoon butter
¼ cup celery, chopped
1-2 tablespoons green onion, chopped
½ cup flour to make a paste
⅛ teaspoon nutmeg

Slowly add the following, while stirring and cook until thicken.:

6 cups chicken broth

When mixture is thick, slowly stir in the following:

½ cup half and half
¼ cup heavy cream
Freshly ground pepper
2 teaspoons salt
2 cups chicken, cooked and chopped

QUESTION — Roma Leibensperger, Germansville, wanted a pumpkin cheese cake recipe. Thanks to Susan Howard, Mt. Pleasant Mills, who sent this recipe and wrote: Everyone will be sure to comment on this.

Pumpkin Swirl Cheesecake

2 cups vanilla wafer crumbs or graham cracker crumbs.
¼ cup butter, melted
16-ounces cream cheese
¾ cup sugar
1 cup canned pumpkin
3 eggs
1 teaspoon vanilla
¾ teaspoon cinnamon
¼ teaspoon nutmeg

Combine crumbs and butter; press into bottom and sides of springform pan.

Combine cheese and ½ cup sugar and vanilla; mix at medium speed. Add eggs, mixing well. Reserve 1 cup cheese mixture. Add pumpkin and remaining sugar and spices to remaining cheese mixture. Mix well. Layer half pumpkin and half cheese over crust. Repeat layers. Cut through batter with knife for marble effect. Bake at 350 degrees for 55 minutes. Loosen cake from rim. Cool before removing rim of pan. Chill.

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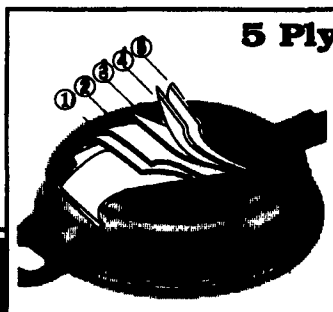

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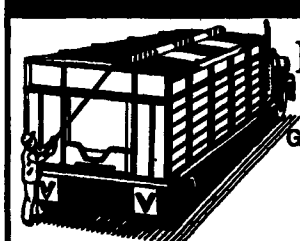

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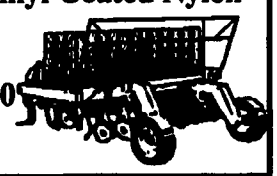

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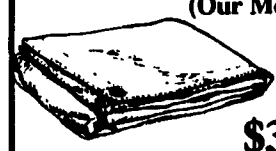

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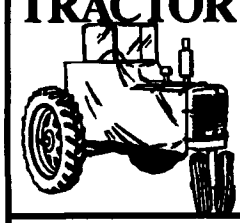

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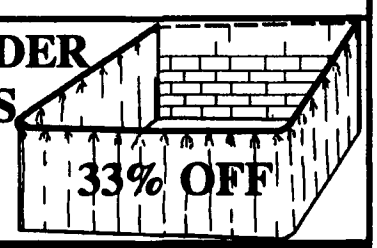

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Kid's Korner

Girl Uses Food To Show Artistic Flair

JOYCE BUPP
York Co. Correspondent

LOGANVILLE (York Co.) — Mandy Brown became an artist when she participated in the county 4-H demonstration program last summer. But Mandy didn't use paints or brushes in her artistic demonstration. She used food.

In Mandy's award-winning demonstration, she showed how to make attractive food decorations with ordinary fruits and vegetables that most people have in their refrigerators. Her grandmother, Ruthann Keeney, sometimes prepares decorated foods for her customers at a York farmers' market. She helped Mandy with her ideas and shared some of the special tools that make it easier to create attractive food garnishes.

Now, Mandy, who is 11 years old and a sixth-grader at Dallastown Middle School, is planning to help with the family's special Christmas holiday meals. She will use some of the food garnishes she learned to make and demonstrated, plus a few new ones she has been trying since then.

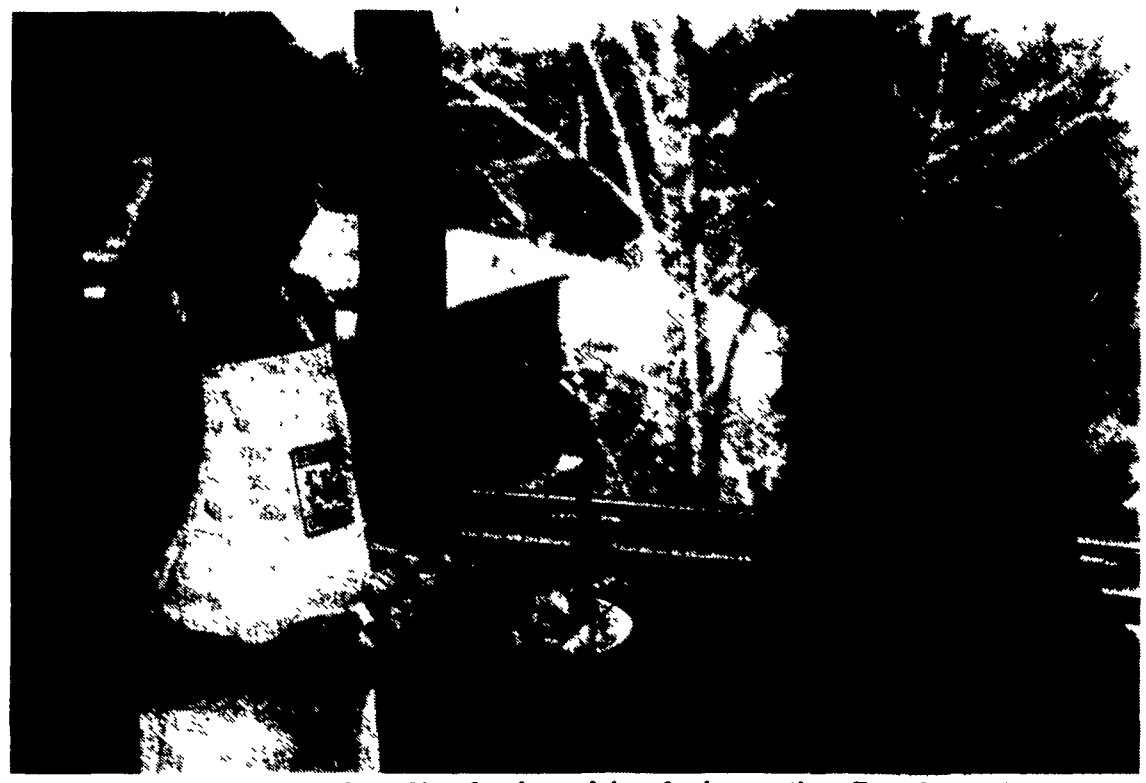
Some food garnishes can be made with a regular paring knife or a vegetable peeler. Mandy often gets smiles from her demonstration audiences when she makes a carrot "dumbbell." The dumbbell is made by cutting a thin carrot stick and sticking an olive on each end.

A celery fan can also be made with a paring knife. Mandy cuts sections of celery about two inches long. The she makes several cuts in one end of the section, each cut about an inch into the celery. When the cut celery slices are refrigerated in ice water for an hour or two, the small cuts spread apart into a fan shape.

Certain special tools are designed just for decorating with foods. One of the tools Mandy uses for her demonstration makes crinkle cuts. The crinkle cutter has a wavy blade of metal and can be pushed through raw vegetables like potatoes or apples. The wavy-edged blade gives the sliced vegetables or fruits a prettier finish than slicing with a plain, flat knife.

"Any time you cut apples and are not going to serve them right away, you must dip the cut edge in lemon juice to keep them from turning brown," Mandy explains. Mandy had plenty of apples to practice with for her demonstration. Her parents, Scott and Brenda Brown, are part of the family's Brown's Orchard and Retail Market business.

Another tool for food decorating looks like a V-shaped knife with sharp, jagged edges. By repeatedly pushing the blade into an apple or orange, making V-shaped cuts side-by-side completely around the fruit, Mandy cuts the fruit in half. Each half then has a pretty, scalloped finish. Mandy inserts a toothpick into the center of each half and sticks grapes or cherries on the toothpicks.



Mandy offers a selection of her food garnishes for her mother, Brenda, to sample.

This tool is also handy for cutting a pepper or tomato in half. Mandy then uses a spoon to scoop out the seeds and flesh in the middle. The scalloped outside shell that remains is a colorful container for serving cold foods like chicken salad. And, you can eat the decorative container.

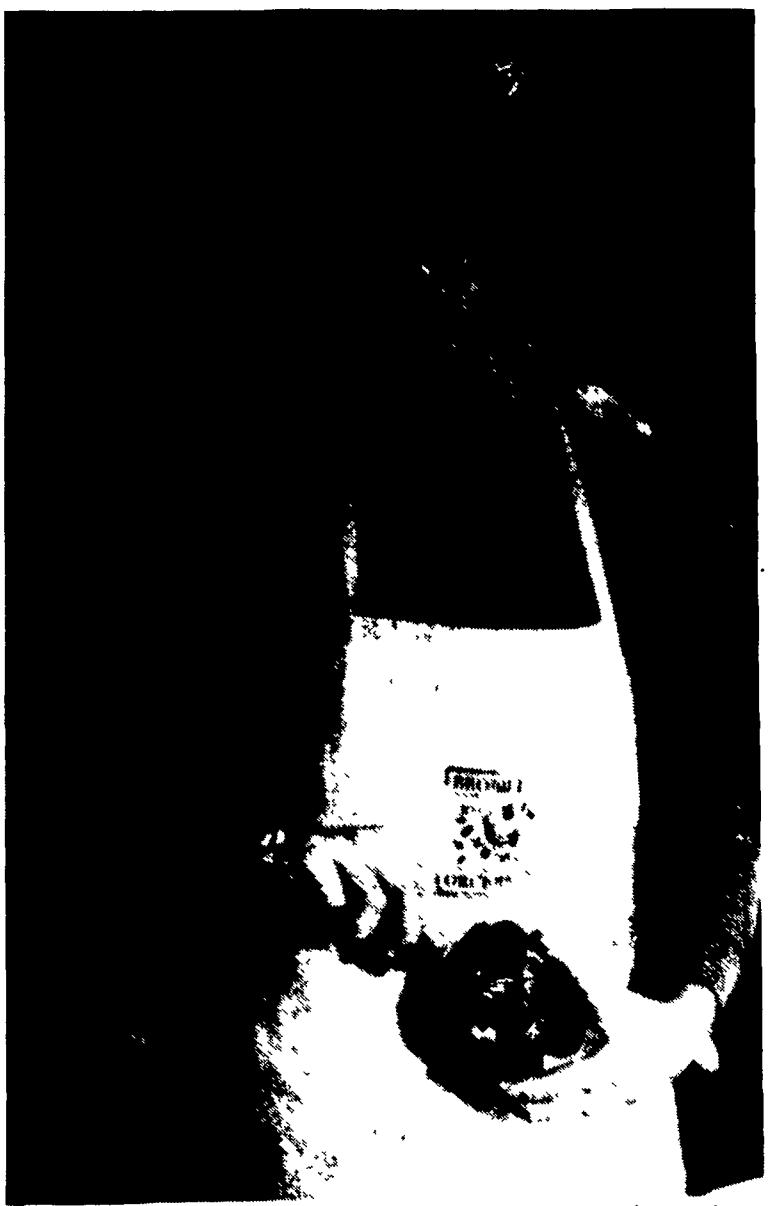
For a birthday party, Mandy used the tool to make a watermelon basket with scalloped edges. The melon fruit can be scooped from the center and mixed with other fruits to serve in the basket.

A spiral tool is what Mandy uses to make an unusual food garnish that resembles a Slinky toy. The tool has a plastic, screw-like center which she pushes into a radish or cucumber. Mandy then turns the handle of the tool, which has a knife-edge that cuts around and around as the spiral part turns in the middle. A radish makes a small spiral garnish, but a whole cucumber can make a very long one.

Even a glass of fruit juice or iced tea can be made more attractive, Mandy tells her audience, by putting a lemon wheel on the edge of the glass. A lemon wheel is made by cutting a cross-section from a lemon, leaving the thick skin on the fruit. By making a cut halfway across the round section, the lemon wheel can be slipped partway down over the edge of the glass.

"Be careful, because the tools you use to prepare these foods are sharp," Mandy always reminds her audiences.

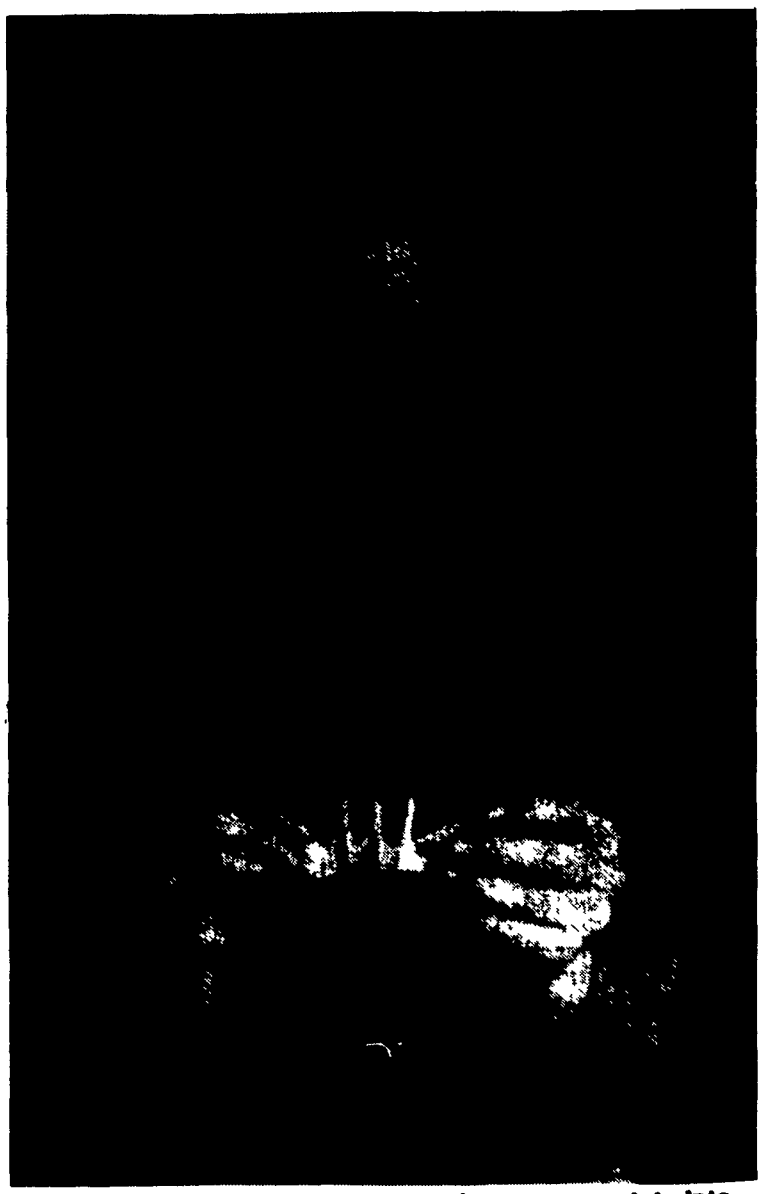
For her demonstration, Mandy made posters that help explain her decorating ideas. In addition to competing at county and regional level, Mandy did her demonstration for the Loganville Community Club and York County 4-H Achievement Night program. She has also done other food and sewing demonstrations during her 4-H club activities.



After halving a pepper with a garnishing tool that cuts scalloped edges, Mandy scoops out the seeds and pulp to make an edible container for holding salads.

Scalloped orange halves add a pretty touch to meals.

The wavy-edged blade of a garnish tool makes it easy to form crinkle-cut French fries.



A spiral cutting tool used by Mandy carves a potato into garnish that looks like a wire spring.

Franklin Farmer Tries Different Broadcasting Method

BONNIE BRECHBILL
Franklin Co. Correspondent
KAUFFMAN STATION

John Shearer was recognized at the banquet for his contributions to Farm-City activities during his 33 years as an extension agent in Franklin County.

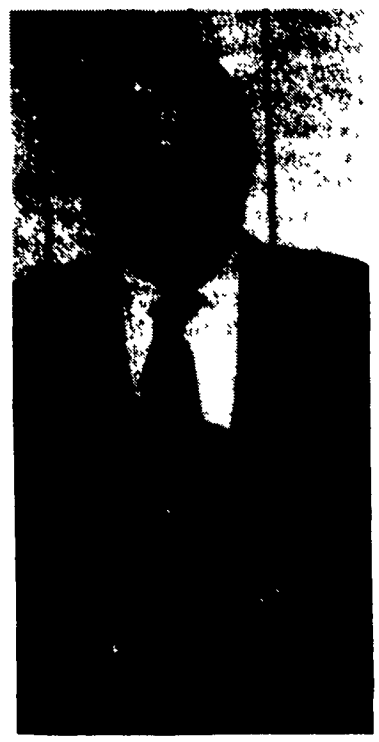
(Franklin Co.) — "We worked like dogs," said Steve Davis, executive editor of **Public Opinion**, of his work experience on the Clifford Hawbaker dairy farm near Chambersburg. "We strung fence and milked cows, and it looked like he was going to disappear inside a cow at one point."

Davis and Hawbaker were one of three pairs of job exchange participants during Franklin County's Farm-City week. The teams related highlights of their experiences at the 24th annual Farm-City Week banquet held November 23 at Kauffman Community Center.

"I thought only farmers get up early," Hawbaker said, adding that he had to meet Davis at 6 a.m. at the newspaper office. "This gave me a great appreciation for the news media and for what goes into a newspaper. They have a blank piece of newsprint, and they come up with something in a few hours. It's incredible."

Hawbaker said he watched Davis reword a headline several times so it would fit the space available. "I'd have left it blank," he said. He noticed that when there wasn't enough room for a news item, paragraphs were chopped off. "You people didn't get the whole story," he joked.

Also exchanging jobs for a day were Matt Kellam, manager of radio stations WCHA-WIKZ, and Dale Clugston of Clugston Ag & Turf, an implement dealership.



Franklin County Fair president and FFA advisor Gerald Reichard received the Greater Chambersburg Chamber of Commerce's annual award for outstanding leadership and service to the community.

Clugston said that while "broadcasting" is a familiar term to farmers, he learned about a different type of broadcasting. His impression of the studio was that it consisted of many little closed rooms full of gadgets and switches, and that people stayed in these rooms all day. He said Kellam "keeps his eye on everything."

Dairy farmer Clifford Hawbaker, left, and *Public Opinion* executive editor Steve Davis exchanged jobs for a day during Farm-City Week.

Kellam said that while he had some knowledge of farming, he was not familiar with implement dealerships. He drove a tractor around the parking lot, "but I don't think we got it out of first gear," he said.

Kellam said he learned that the difficulty in farming in the future will be the expense — "that's why people are getting out."

Mike Ross, executive director of the Franklin County Area Development Corporation, and dairy farmer Raymond Shoemaker also exchanged jobs.

Dairy Princess Jessica Royer, Pennsylvania and Franklin County Apple Queen Heidi Martin, Lamb and Wool representative Jill Mellott, and Honey Queen Jennifer Stone served their products before the dinner and gave brief presentations. They encouraged people to buy farm commodities locally to assure freshness and to help the local farm economy.

Allen Frantz, membership director of the Greater Chambersburg Chamber of Commerce, presented the Chamber's annual award for outstanding leadership and service to the community to Gerald Reichard of Waynesboro. Reichard, an ag teacher and FFA

(Turn to Page B12)

Pa FFA 65th Anniversary Commemorative Winross truck

In recognition of the 65th anniversary of the FFA in Pennsylvania, the Pennsylvania FFA Foundation has commissioned a commemorative Winross truck. The truck will be similar to the design above, with the body in white and the lettering in navy blue. Only 1200 of these trucks will be available, order your's today for delivery in time for the Holidays!

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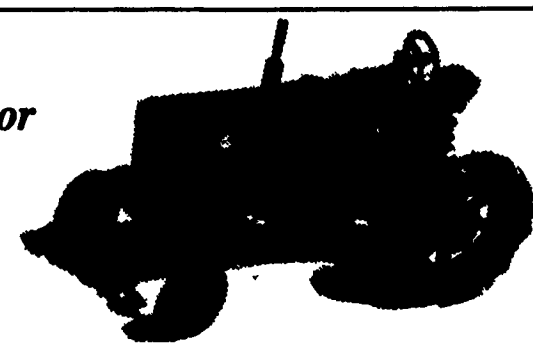

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The '3' inside the Keystone represents the 3rd edition - 1994 is the year this Collector's Tractor is being produced. The Keystone symbol refers to The Pennsylvania FFA Foundation's commitment to agricultural awareness throughout the Keystone state. The Tractors are package in a commemorative Keystone 1994 box.

3 1994 Keystone

Orders are now being taken for the FFA Farmall Super MTA tractors with shipments beginning in early January. This 1994 Limited Edition Tractor is available for $31.50 plus $3.50 shipping and handling. A limited number of the 1st and 2nd edition tractors are available, 1st year $55.00, second year $45.00.

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Shape Up Your Kitchen For The Holidays

HONESDALE (Wayne Co.) — Many folks will be having family and friends in to visit during the holidays. For most of us that means doing some thorough cleaning to give the house that extra sparkle. One area that needs some special attention is the kitchen. The kitchen not only needs to look good, but be clean enough to pass a food safety inspection. Would your kitchen pass the test? Follow these tips from USDA and Penn State Cooperative Extension to get your kitchen in tip-top shape for the holidays.

Start with the freezer. Is it frozen-over or jam-packed with food? If so it will not hold frozen meat and poultry at safe freezer temperatures **0 degrees or below.** If the freezer is frozen-over, you may need to defrost it. Examine frozen items carefully; discard foods that have changed in appearance or texture. Put usable foods in an ice chest filled with ice. When you put the food back in the freezer, be sure to put the older foods in the front so you can use it first.

Next, the refrigerator. If you have leftover meat and poultry dishes, use them as soon as possible. These foods can be stored in the refrigerator from three to four days. Fresh meat or poultry should be used within one to three days. Also, check the "sell-by" or "use-by" date on mayonnaise, salad dressing or other foods that need refrigeration. Throw away outdated, moldy and obviously spoiled foods.

To get rid of the odor that may linger from spoiled food, wash the refrigerator with baking soda and water, and put a box of baking soda in it to absorb odors.

To safely store food in the freshly cleaned refrigerator:

- Make sure the refrigerator is set at **40 F or below** to prevent most bacterial growth; use a refrigerator thermometer to check the temperature.
- Don't overload the refrigerator. Cold air must be able to circulate to keep foods at optimal temperatures; and
- Tightly cover all foods and use them within the recommended storage time.

Cabinets can be a hideaway for food safety pitfalls. What could be more devastating than finding out while preparing the holiday meal that the canned ham you put in the cabinet two months ago should've been refrigerated? Before storing foods in the cabinet, read the labels. Since today's packaging for some shelf-stable and refrigerated products are so similar, label reading is necessary to be sure such foods are stored properly. If you find a product on the shelf that should have been refrigerated, throw it out.

Countertops, sinks, and utensils need extra care. To keep bacteria from spreading from raw to cooked foods, wash the countertop, sink and utensils after they have been used to prepare raw meat and poultry.

Carefully scrub and clean wooden cutting boards since bacteria can harbor in the grooves left by knives. A hard non-porous cutting board is better for preventing the spread of bacteria. Also, wash kitchen linen often and throw away old sponges.

Kitchen appliances should work properly. Use an oven thermometer to check the temperature in your conventional oven. If it isn't working properly, have it serviced immediately. With a well-serviced oven and by using a meat thermometer, you can make sure meat and poultry cook to proper internal temperatures. Poultry is thoroughly cooked at 180 F to 185 F; beef and other meats should reach 160 F.

Check the microwave oven, too. To clean the microwave oven, place a mixture of lemon juice and water inside the oven and turn it on. The steam will condense on the oven surface and make food much easier to remove. The lemon juice will absorb odors.

When cooking foods in the microwave, follow the recipe carefully. Some recipes call for a 10 - 15 minute standing time after taking foods from the oven to allow the cooking process to continue. This prevents overcooking. Be sure to stir or turn food as the recipe directs. Microwave ovens have cold spots. Stirring or turning makes sure food is evenly cooked.

If you have a question about meat and poultry, while getting your kitchen in shape, call USDA's Meat and Poultry Hotline (1-800-535-4555). Hotline staff can answer questions on the safe handling and storage of these products every weekday from 10 a.m. to 4 p.m. Eastern Time.

Franklin Farming

(Continued from Page B11)

advisor at Waynesboro Area Senior High School, is president of the Franklin County Fair board. He promotes farm-city understanding through the use of a baby barnyard display.

Recently retired Penn State Extension agent John Z. Shearer received the Franklin County Farmer's Association award, which honors an individual who has done an outstanding job in the community. A long-time member of the Farm-City Council, Shearer received a standing ovation from the 270 people present.

"John has touched the lives of everyone here," according to Dalton Paul, chairman of the Farm-City Week committee and master of ceremonies for the banquet.

Entertainment was provided by students from the Cumberland Valley School of Music.

Caroling At Landis Valley

LANDIS VALLEY (Lancaster Co.) — Find your mittens, ski hat and scarf, then come out to the FREE Christmas at Landis Valley program on Tuesday, December 21 from 6:00-8:30 p.m. This Lancaster tradition includes touring of several decorated buildings, as well as carolling around a bonfire at 7 p.m. with the accompaniment of the Lititz Moravian Trombone Choir.

Visitors are asked to bring a donation of food for the Lancaster Food Bank (canned goods, etc.).

Landis Valley Museum, founded in the 1920s, is the largest Pennsylvania German museum and is rated "exceptional" by AAA. It is a state-owned museum complex operated with assistance by the Landis Valley Associates.

Visitors will see the historical Tavern and Country Store as well as the Visitor Center with its handsome Christmas tree. Models by Don Bowersox of historical Pennsylvania buildings will also be on display. After the carolling, free hot cider and cookies will be served. The Weathervane Shop, filled with gifts for the holidays, will be open until 9 p.m.

Because the event is outdoors, people are urged to dress warmly (especially consider wearing boots) and bring a flash light. Individuals with disabilities who need special assistance or accommodation should call in advance to discuss their needs.

Landis Valley is operated by the Pennsylvania Historical and Museum Commission and is located 2.5 miles north of Lancaster on Rt. 272/Oregon Pk.

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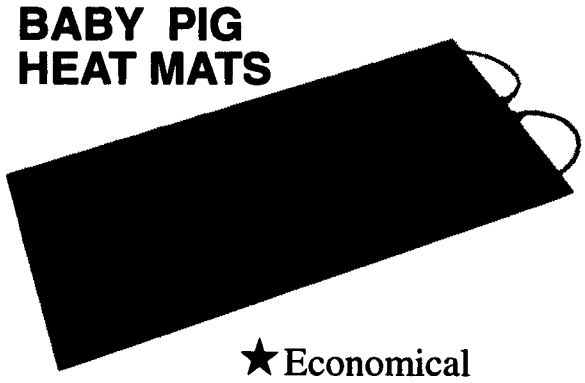

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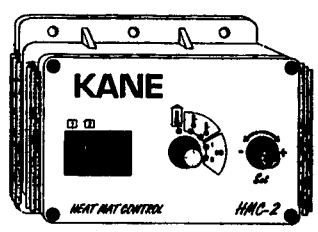

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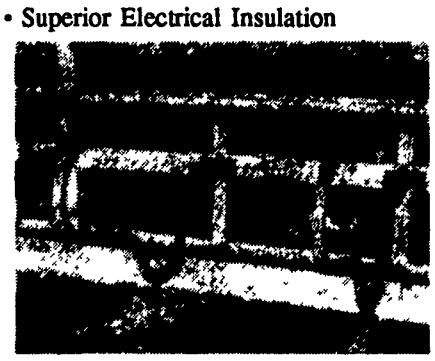

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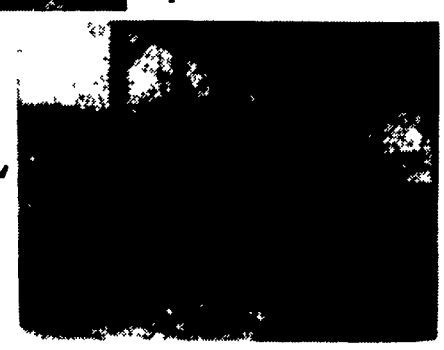

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Shopping Guide Helps Consumers Make Healthful Choices

MIAMI, Fla. — Do you get confused by the thousands of food brands and labels in your supermarket that claim to be "healthy" for you? Are you evern really sure that the food you're buying is indeed part of the heart-healthy diet your doctor recommended?

Well, now there is a book that will guide you in purchasing the right foods while answering some of the most commonly asked questions about diet and heart disease. The Living Heart Brand Name Shopper's Guide provides a quick and easy-to-use reference for smart, healthy shopping.

The Shopper's Guide was featured in a recent issue of CardiSense®, a quarterly health-oriented newsletter published by Marion Merrell Dow. Written by the authors of the New York Times bestseller The Living Heart Diet, the Shopper's Guide includes more than 5,000 common brand name products that are low in calories, fat, saturated fat and cholesterol. The calorie and sodium content of each product also is included.

To make wise dietary choices, consumers need to know more about the food they are eating. Chapters in the Shopper's Guide cover a variety of topics from Food and Drug Administration label requirements, to how to plan a cholesterol-lowering eating pattern, and various fat facts and definitions: calories from fat, percentages of calories from fat, and percent fat. In addition, the authors give important tips on how to shop wisely and save money on your purchases at the grocery store.

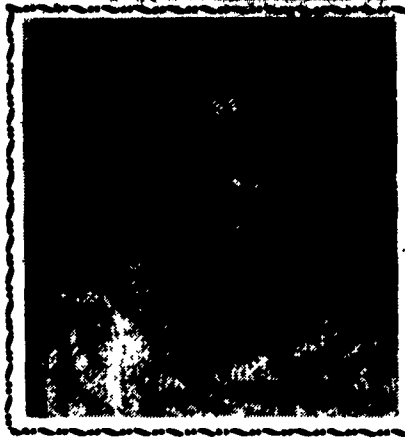
This guide also provides readers with new U.S. Department of Agriculture (USDA) dietary recommendations for all ages and suggestions for foods made at home or in restaurants that meet those requirements.

Statistics show that 60 percent of children participate in the school lunch program, and that an average of 15 to 17 percent of calories from food served there comes from saturated fat. In addition, 83 percent of restaurant visits made by children and adolescents (under age 18) are to fast-food establishments which traditionally offer foods high in fat and sodium.

The Shopper's Guide lists alternative, healthier selections at cafeterias and fast-food restaurants and includes suggestions for ways to compensate for children's diets that are otherwise high in fat.

The Living Heart Brand Name Shopper's Guide provides one of the most helpful and complete references for shopping and eating wisely. With more than 30,000 food brands to choose from, this quick reference aids consumers in fighting the fat wars.

The newsletter CardiSense® is available free to patients currently taking the presecription drugs Cardizem® CD (diltiazem HCI) capsules, Cardizem® SR (diltiazem HCI) sustained release capsules, or Cardizem® (diltiazem HCI) tablets. If you take one of these products and would like to receive CardiSense®, write to Subscription service Department, CardiSense®, P.O. Box 549158, Miami, FL 33054-9875; or call 1-800-235-LIFE.



Ida's Notebook

Ida Risser

It is good that I can write this and do not have to talk. My husband says that I've left my voice in Atlanta. We just spent five days with our children and grandchildren and ever since I'm home I cannot say a word.

When I whisper on the telephone, most people can understand me but not everyone. At least, I must spend more time listening than talking. That just might be good!

The first day we eight adults and four children visited the Atlanta Zoo. The sun shone and it was about 60 degrees as we walked through the large zoo and saw lions, tigers, giraffes and gorillas. One big attraction was a trained elephant who performed for us.

Some of the exotic birds were quite interesting — especially their calls. It was nice enough to have a picnic but one granddaughter was unfortunate and sat on a nest of fire ants. They are so tiny but their bite is not and so we had to undress her to get rid of them.

Another day we went to a Co-op Craft store near Tallulah Falls. Here we bought some books, toys, and Christmas ornaments. We had just seen the Tallulah Gorge where a man walked across on a tight wire.

We took the group to a Chinese restaurant before heading home. Our MD80 plane flew us to Baltimore where we had parked our pickup truck. They charge five dollars per day to park in their satellite parking area. A shuttle bus did take us to the airport from there and we boarded a computerized railcar which runs without a conductor.

A usual it was very nice to be home again even though my voice is still in Atlanta.

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Holly puts the finishing touches on Santa Claus hats.

Bedford Artist Makes Santa Claus Gourds

LINDA WILLIAMS
Bedford Co. Correspondent

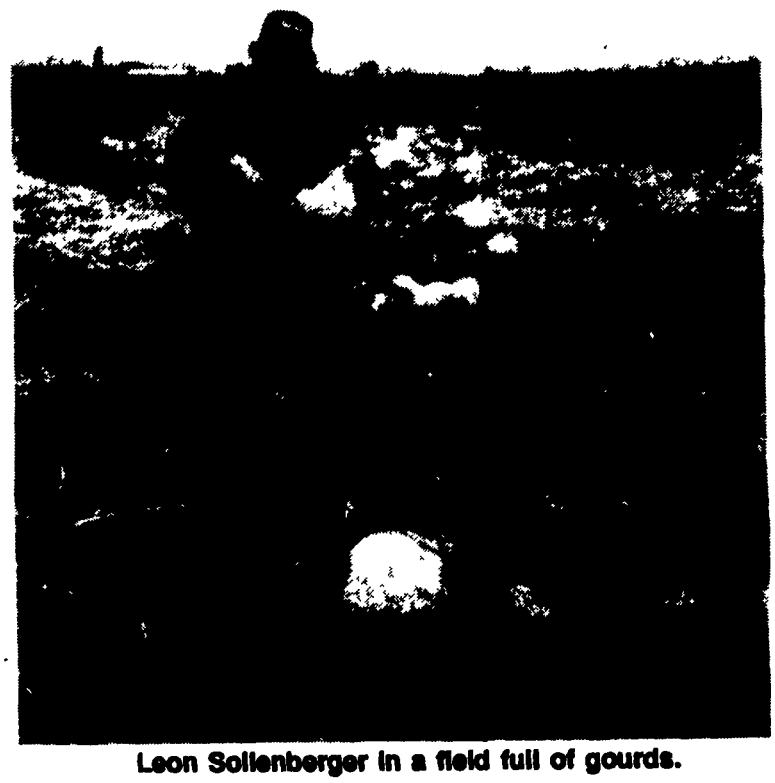
BEDFORD (Bedford Co.) — Holly Coia is one of those lucky people who can combine the beauty of living in the country with her artistic skills.

Having tried many forms of artwork including painting, crafts, and designing her own greeting cards, she is constantly on the lookout for something new and different.

It came in an unexpected package when a fellow choir member dropped two huge gourds in her lap one night at practice and challenged her to "do something with them."

The choir member was Clearville farmer, Leon Sollenberger. He had accepted the challenge to grow gourds when his mother jokingly gave him a membership in the American Gourd Society as a Christmas present.

(Turn to Page B17)



Leon Sollenberger in a field full of gourds.

Drying the gourds can take up massive quantities of space. This is only a small portion of Holly's gourds which will be painted next year. She plans to do about 20 per week.

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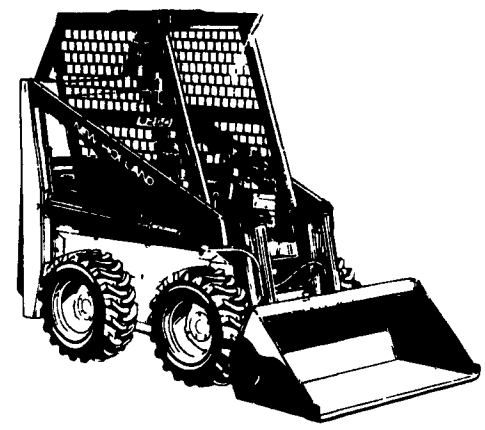

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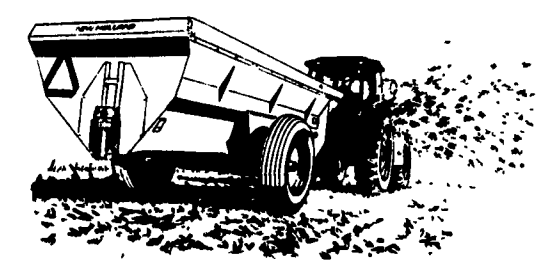

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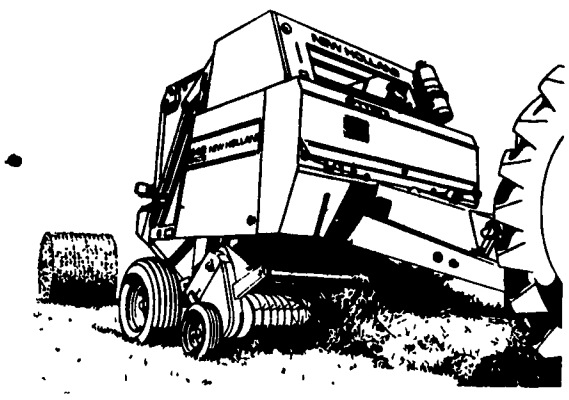

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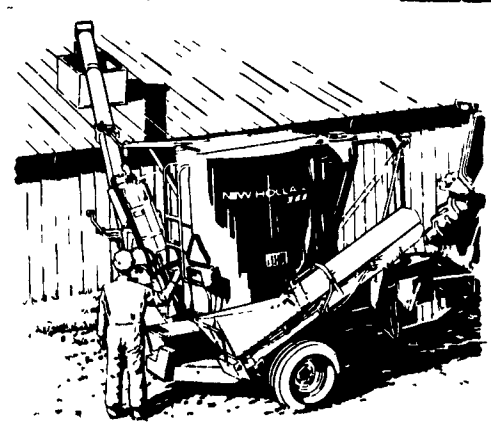

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Beekeepers Crown Queen, Princess

GAIL STROCK
Mifflin Co. Correspondent

LEWISBURG (Mifflin Co.) — Rainy weather may keep bees in a hive but it did little to keep 110 members of the Pennsylvania State Beekeepers Association from attending their 1993 fall-winter meeting held at the Country Cupboard in Lewisburg.

A featured after-banquet attraction was the presentation of the 1993 Beekeeper of the Year Award. Merle Fisher of Lewistown presented the biennial award to Fred Rich of Royersfort who at one time maintained 300 hives part time. He now has 65-70 hives.

Crowning of the Queen and Princess followed the award presentation. Melissa Swartz stepped forward to accept the 1994 Pennsylvania Honey Queen crown and then saw Melissa McGriffin being crowned as the 1994 Honey Princess.

Swartz, a 17-year-old from Shoemakersville, is the daughter of Jerry Swartz of Mifflin and Monica Blose Swartz of Lewistown. McGriffin is from Knox and is the daughter of Deanna McGriffin and the late Bill McGriffin. McGriffin manages 90 hives that were left by her father. The 1994 reign for the girls begins February first and ends the following January with the American Honey Queen competition in Austin, Texas. Becky Fisher Gerhart manages the Queen and Princess programs.

Stephanie Lynn Yoder of St. Thomas currently holds the 1993 Pennsylvania Honey Queen title. Daughter of Samuel and Barbara Yoder, Stephanie learned beekeeping from her grandfather. She studies music at Messiah College. Yoder will travel to Orlando, Florida, in January for the American Honey Queen competition.

Pennsylvania's 1993 Honey Princess, Jennifer Sue Henry of McVeytown is the daughter of Marvin and Mary Henry. She attends Juniata College majoring in early childhood education. Her grandfather's commercial beekeeping experience influenced her interest in the honey industry.

Beekeepers attending the meeting also had a chance to meet their American Beekeeping Federation representative — Heather Pomeroy of Wayland, Iowa. This 18-year-old attends Messiah College where she is majoring in international business. Heather travels throughout the United States to talk honey at fairs, festivals, and schools, and demonstrates cooking with honey when she can.

"Honey is becoming more popular as people become more aware of the different ways to use it. It's not just for toast anymore," Pomeroy said, then added these sweet little facts about honey.

- There are more than 300 different varieties of honey — something to suit everyone's taste.
- To produce one pound of honey, bees have to visit two million flowers and travel 55,000 miles.
- Each honey bee makes only 1/12 of a teaspoon of honey.
- The pollinating service by honey bees is worth about 10 billion dollars to U.S. Agriculture.

Beekeepers attending the meeting spent the day in workshops which included determining the quality of your queen honey bee by Clarence Collison, The Eastern Apiculture Society — what does it do for you; what you can do for it by Maryann Frazier, strategies for treating tracheal and varroa mites by Jennifer Finley, preparation of honey for market and show and comments on wax by Clarence Collison, and the Hopkins Method of queen-bee rearing by Tom McCormack and Al Stankus. A short business meeting followed lunch.

Sandy Fisher of Stroudsburg, serving her second term as president of the PA State Beekeepers Association, said of the 700 to 725 members in the organization, most are hobby and sideline beekeepers, keeping anywhere from one hive to almost 400 hives. The state association formed in 1904 to promote beekeeping, address problems, help with bee management, and currently, to obtain more needed research concerning the industry.

"Right now, we're addressing a devastating mite problam. Two mites were introduced to this country causing many losses in the nation. The dumping of Chinese honey into this country has caused a downward turn in price for us," Fisher comments.

Maryann Frazier, an Extension bee specialist in the Department of Entomology at Penn State, works closely with the organization. "We're working to secure a social insect geneticist position at Penn State," continued Fisher. "Research is needed to relieve us of the mite problem."

Fisher hopes future accomplishments will include work on the mite problem and promotion of the importance of honey bees which indirectly extends into our food sources through the livestock industry with clover and alfalfa pollination.

Fisher was quick to point out that the PA State Beekeepers Association and its members are the sole supporters of their queen and princess programs, choosing to continue the program after the elimination of state funds.

Because of this, an auction followed the banquet. Merle Fisher of Lewistown helped to auction off a mailbox, a beehive stenciled apron, a straw beehive, ceramic beehives, a ceramic bear, and other donated items.

The PA State Beekeepers Association meets twice a year. For more information, call Sandy Fisher at (717) 992-7274.

A line-up of royalty graced the PA State Beekeepers Association annual meeting in Lewisburg. Left to right are Jennifer Sue Henry, 1993 Honey Princess, Melissa McGriffin, 1994 Honey Princess, Melissa Swartz, 1994 Honey Queen, Stephanie Lynn Yoder, 1993 Honey Queen, and 1993 American Honey Princess Heather Pomeroy.

Fred Rich of Royersfort accepted the 1993 Beeskeeper of the Year Award from the association. The award is given every other year.

For a free arts and crafts tip sheet, a free paint strip and for information about a contest whbich challenges young artists to create their own personalized designs, send a self-addressed, stamped #10 envelope to: "Young at Art," Natural Science Industries, 50-01 Rockaway Beach Blvd., Far Rockaway, NY 11691.

Honeybee Size Profile Of Full-time Beekeeper

Not many can say they make a living from beekeeping. But Merle and Emily Fisher of Granville, Mifflin County, have been doing just that since 1946. At one time, their bees traveled 75-80,000 miles per year. Fisher still manages 300 hives among four customers, but now their son Dyson rents out over 4,000 boxes of bees to growers needing pollination service all over the east coast. Each box contains 75,000 bees.

Dyson Fisher trucks his bees to Florida in the winter for citrus pollination. The bees return to Pennsylvania in the spring for cherries, apples and other fruits. They travel to Lake Champlain for apples, to Maine for blueberries, and to Massachusetts for cranberries. According to Merle Fisher, the largest renters of honeybees in the U.S. are the almond growers in California, followed by cultivated blueberry growers in New Jersey and wild blueberry growers in Maine.

Dyson also strains and packs honey for sale, often buying more honey to supplement his own. During the season, he produces 60 barrels of honey, 36,000 pounds per month.

The family's interest in the apiary business reached the third generation when two of Merle and Emily's granddaughters served as Honey Queens in 1987 and 1991. Now, granddaughter Jennifer Sue Henry is Pennsylvania's 1993 Honey Princess.

Research On Calcium And Bones

A recent study found that increasing calcium intake from 80% to 110% of the Recommended Dietary Allowance of 1,200 mg per day during adolescence may decrease risk of osteoporosis. Twelve-year-old girls who consume an additional 354 mg of calcium (roughly the amount of calcium in a glass of milk) per day for 18 months develop higher total body and spine bone density than girls who do not consume additional calcium.

Nine- to twelve-year-old girls who increase their calcium intake from around 750 mg per day to 1,370 mg per day for one year by consuming more dairy foods develop greater total and spinal bone density than girls who do not consume additional, dairy foods. Body weight does not differ between girls who consume extra dairy foods and those who do not.

These studies confirm and extend previous research findings which indicate that children, preteens, teens and young adults can improve their bone status by consuming adequate calcium:

- Six- to ten-year old children who increased their calcium intake from 900 mg to 1,600 mg per day for three years increased the bone density in their arm, hip and spine.
- Seven- to nine-year-old children who consumed an additional two-thirds cup of milk every school day for two years exhibit higher bone density 14 years later than children who did not consume additional milk.
- Women who consumed over 800 mg of calcium each day from milk and cheese during high school and college and exercised more than four hours a week had higher arm bone mass than women who had lower dairy calcium intakes and exercise less.

Bedford Artist

(Continued from Page B14)

"I had always grown pumpkins," Leon explains. "And, one year I threw in a handful of gourd seeds. My mother decided it would be a fun gift."

"Turned out to be a practical one. I enjoyed the magazine and began learning a lot about growing gourds. The first thing you learn is that there isn't much to learn because there certainly has never been any gourd research done."

But Leon did learn there is a market for gourds especially among artists.

It was the reason for his gift to Holly.

Browsing through an "idea" folder, Holly was surprised to find a clipping she had saved on an artist she particularly liked. "I realized he was painting gourds," she remembers.

Picking one of her gifts from the shelf, she cleaned it off and started to work. "Since then, I haven't been able to stop," she laughs. "I might have to become a member of gourd painters anonymous."

Holly has created all types of gourd art, but her specialty has become "Santa Clauses." "At first I resisted," she admits. "A lot of gourd painters do Santa Claus. But then, I found that they sell extremely well. I have trouble keeping up with the demand."

Some of her Santa Claus creations are rosy cheeked and twinkle eyed while others have the more sedate appearance of the early American St. Nicholas.

Her Santas sell from $12 to $34 while other, more artistic creations go as high as $50, wholesale. She sells to "arty" and museum gift shops. Holly also plans to attend the New York Gift Show in January.

The entire Coia family including husband, Gene, and daughter, Emily, enjoy browsing through museums where they can see the many uses of gourds throughout the centuries.

"Gourds have been used for dishes, vases, eating utensils, and as artwork. They have made their own contribution to the civilization of man."

Once the gourds are picked, they must be allowed to dry on their own. As the moisture comes out of the gourd, it turns into a mass of mold which, at first, caused some panic reaction in Holly who had just purchased a truckload from her friend, Leon.

Once the gourds rattle, they can be scrubbed off and a nature's canvas is ready for use.

Leon plants about three acres of gourds on the family's 250-acre farm. He can get about 1,000 gourds per acre in a good season. Like all other types of farming, the weather must cooperate. Gourds like moisture, but will tolerate dry weather better than some crops.

An early frost is the biggest threat. If the gourds have not reached maturity by frost, they do not survive.

The Sollenbergers, dad, Ray; sister, Lori; and Leon also milk 75 registered Jerseys. "Actually my dad and sister do the milking," Leon says. "I'm not a cow man. I prefer to do the field work."

He has found that gourds have a longer selling season than pumpkins, which he also grows. "If you haven't sold a pumpkin by mid-October, forget it," he advises.

"But the gourds can be attractive to artists anytime." one of his latest customers is a company which makes trolls and uses spoongourds for noses.

Gourd varieties include such names as "spoon," "bottle," "legendary," "dipper," "crown of thorns," "penguin," "snake," and "shevit."

Gourds sell from $1 to $10 per piece and that is exactly the way they must be harvested - by the piece. "It's a lot of manual labor," admits Leon.

"Planting can be done with any seed planter, but the picking is done by hand, piece by piece."

Calcium Pills Not The Answer

A recent study of over 9,700 older women found that women who say they drank milk at every meal between ages 18 and 50 exhibit higher bone mass after age 65 than women who report they rarely or never drank milk. This study also linked higher current calcium intakes from food, but not supplements, with increased bone mass.

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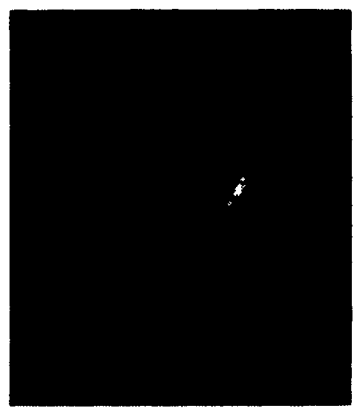

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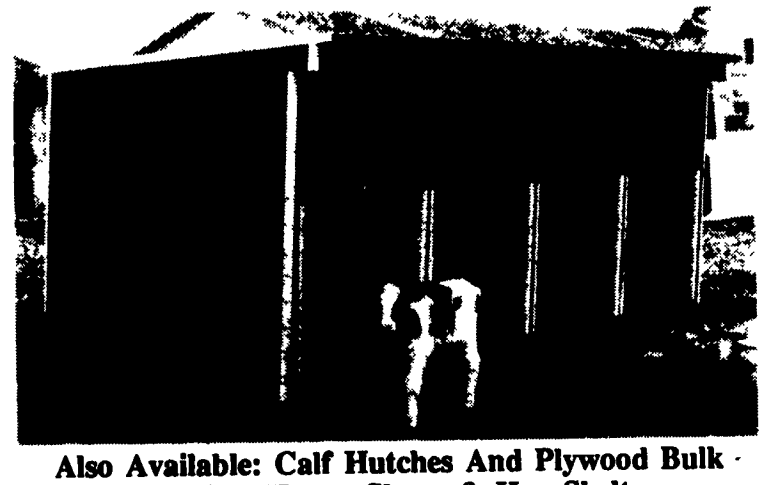

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Farm Women Societies

Berks Society 1

Berks County Society of Farm Women Group 1 met at the Douglassville home of Ruth Walters, president, for its November meeting. Due to illness, Pauline Heffelfinger was unable to host the meeting as previously planned. The president presided at the business meeting, which was attended by fourteen members.

The group will again distribute fruit baskets and poinsettias to various shut-ins during the coming holiday season.

The December meeting, along with the annual Christmas dinner for members and their guests, will be held on December 8 at 6:00 p.m. at the Douglassville Hotel, Douglassville. At this time, secret pals will be revealed and will exchange gifts.

Berks Society 6

Members of the Berks County Society of Farm Women Group #6 held their November meeting in the home of Sally Hauseman, Boyertown. An auction took place, with Janet Schlegel as auctioneer. A monetary donation was given to "Project Graduation," for the Oley Valley High School senior class. Members sang Happy Birthday to Mary Youse on her 81 birthday.

Naomi Mest and Marian Gehris will serve on the auditing committee.

The KeyTones from Kutztown entertained the members, husbands, and guests at the Christmas Party held at Mohr's Restaurant. Fern Philipi, the county president, installed the newly elected officers. A monetary gift was given to Santa's Workshop at the Berks Heim. Christmas gifts were exchanged. The January 1994 meeting will be in the home of Dorothy Wagner, Hunter Road, Oley, at 11 a.m.

Tips For Dashing Dinners

CHICAGO, Ill. — Amidst the holiday hustle and bustle it's a wonder how Santa can travel the world in an evening when many people can't even find time to cook a week-night dinner. While most of us don't have an army of elves to help in the kitchen, there are many practical shortcuts busy cooks can follow to get dinner on the table and still keep up with the frantic holiday pace.

Save your cooking energy for special occasions. "Too much time in the kitchen can turn anyone into a scrooge. Plan easy-to-prepare dinners on those nights you are cooking ahead for an upcoming holiday event.

Make a list and check it twice. "The holidays don't have to mean endless last-minute trips to the grocery store for that missing ingredient. To save time when preparing weeknight meals *and* when entertaining, shop smart and keep the pantry well-stocked. Look at the recipes you'll be preparing in the weeks ahead and make a list of ingredients you'll need to have on hand.

Dashing through the snow? During the holidays it seems like we are always racing to get somewhere — whether it's a trip to the mall, school pageant or one of the many gatherings with friends and family. According to Urvater, one of the best ways to stay organized is to keep a family activity and meal calendar.

Recruit your elves! "Enlist the kids to help prepare meals and holiday goodies," says Urvater. "This is not only a great way to save time — it's also an opportunity to establish some special family traditions. Divvy up some of the not-so-fun kitchen tasks such as cleaning and setting the table so you'll have more time to celebrate!"

Cooks looking for ways to streamline their kitchen chores, both during the holidays and after, can turn to a new free booklet from Birds Eye. The booklet includes coupons, time-saving advice from Michele Urvater, plus cooking and clean-up tips from people across the country.

For a free booklet, write to: Birds Eye® "Recipes For Easy Living," 211 East Ontario Street, Suite 1300, Chicago, IL 60611. Please include a self-addressed, stamped, business-size envelope. Limit one booklet per household, while quantities last.

York Society 11

York Society #11 held their November meeting at the home of Helen Rexroth in Red Lion.

Roll call response was to the question: Which house plant does best in your house?

The program was centered on mental health and gifts were collected for Christmas by the group to be sent to the York Agency for wrapping and delivering.

The program chairperson was Sandra Keiser and she played a tape by Wayne Dwyer on Mental Health Attitudes. He stressed the point of thinking about "What happens to me" and re-evaluates attitudes of "What I do about what happens to me". Games & puzzles, prize winners were Orpha Innerst, Mary Carman and Naomi Bupp. The guess box was won by Chrystal Brenneman.

Arlene Miller, chairperson of the December meeting, announced the Christmas party will be held at the Country House Restaurant in Glen Rock on Dec. 14th at 6 p.m. Husband & families are invited.

Reports on County Convention on Nov. 2nd at Wise Haven were given and everyone agreed that it was a good day. Two members accepted 80 year old pins, Cora Miller and Hester Keeney.

Nearly $4,000 was raised in 2 quilt projects and $750 contributions were given to three worthy causes: York Chapter of the Red Cross, the Salvation Army, and the Mason Dixon Food Locker.

All members were encouraged to attend the state convention at Harrisburg in January.

Lebanon Executive Board

The Lebanon County Society of Farm women executive board met recently at the Lebanon Valley Agriculture Center.

Lois Bohn president called the meeting to order and welcomed the new group officers.

Elva Martin Group #15 president read "The Christmas Story" for devotions.

Roll call was "Where do you plan to spend Christmas?"

Susan Hawley gave the secretary's report and Rosene Bollinger had the treasurer's report. The bake sale at Farm City Week netted $1000 to go to Chelse, Iowa, a farming community that lost everything from flood and fire.

Plans for the state convention on January 10, 1994 were discussed and bus reservations for the convention should be mailed to the treasurer by January 1 at $6.50 each.

President Lois installed the new group presidents. Committees for 1994 were checked.

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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Make Sure Holiday Food Gifts Arrive Safely

A box filled with homemade treats is sure to warm the heart of that special someone who cannot make it home for the holidays. Too often, though, it's only the thought that warms the heart because the treats arrive in crumbs. To make sure that the food you send arrives fresh and safe, select, prepare, and package it carefully.

When selecting foods to send, choose baked goods that are moist and firm or hard, but not brittle. These travel well and should arrive whole, not in crumbs.

Bar cookies are a good choice. Most are moist and keep well. Fruit, date or fig bars, brownies and coconut squares are examples. Wrap individually in plastic to preserve each bar's shape and moisture.

If you want to send a cake, try fruitcake, pound cake, carrot cake, spice cake, or a fruit-based cake such as applesauce. Pound cake with a pour-on icing is a good choice. The icing not only adds moisture, but also forms a coating to keep the cake moist. Layer cakes usually do not arrive in good shape. You can, however, split a pound cake in half and add icing to it as you would a layer cake.

Fruit and ginger breads travel well. Yeast breads, may not. Hard candies, such as peanut brittle and rock-candy, generally ship better than fudge and divinity.

If you are not sure how well a food will ship, test it. Place the food in a container and shake it a few times. If it holds its shape, it should mail well. Place the food in a draft (made by a fan or the wind) to see if the food retains moisture well.

Once you have selected and prepared your holiday food gift, a proper package is a must. Most breads, cakes and bar cookies can be baked in a foil or light-weight aluminum pan, or coffee can that also may be used for shipping.

If you are going to ship the food in its baking container, follow the directions in the recipe for cooling and removing the food from the pan. When thoroughly cooled, wrap in plastic wrap or foil and return to the cleaned container.

Other good shipping containers include: rigid plastic freezer or refrigerator containers, metal cake boxes and metal canisters. Two, one gallon plastic milk jugs can be cut to hold food. Cut the top half off each jug. Wash and air well to remove any odors. Place the wrapped food inside one half; fill any empty spaces with crumpled tissue or unsalted air-popped popcorn. Fit the second jug half over the first like a lid and seal with freezer tape. Place in box to send. It is critical to wrap all foods in aluminum foil or plastic before placing in shipping containers when drying during shipping is a problem. Wrap small items like candy and cookies, individually. Small plastic bags are ideal for this.

Select a strong cardboard box to mail the food in. Place a cushion of crumbled newspaper, paper towels, styrofoam pellets or unsalted air-popped popcorn in the box and then add the containers of food. Finish packing with paper. Securely close the box and label it "perishable." Check with available mailing services to determine which one best fits your delivery needs.

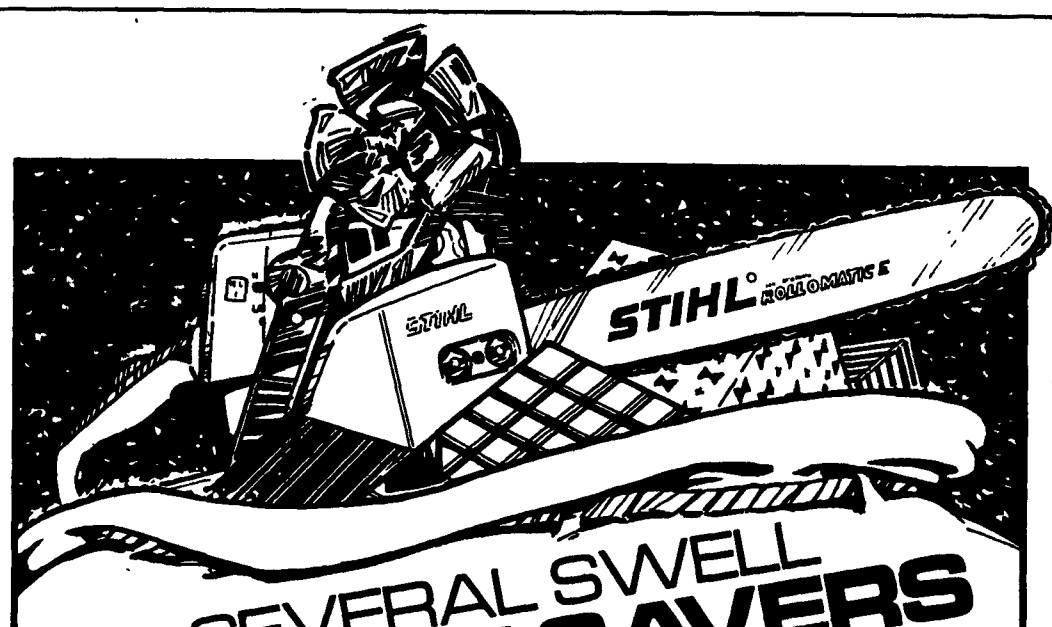
Stitch To Fit

(NAPS) — The next outfit you sew may fit better than ever thanks to a new idea in pattern adjusting.

What's been called a revolutionary pattern drafting and designing system can help you make patterns that will conform to your figure. Called the Bonfit Patterner, it's a basic garmet patterner that can be easily tailored to a variety of clothing sizes and styles to suit the whole family. Constructed of durable, flexible plastic panels secured with plastic knobs, it requires no pins, inserts or cut-outs.

Bonfit Patterners are available direct from the manufacturer for skirts, pants and bodice which allow you to make any style in any size. Each patterner comes with a 45-page, detailed instructional manual and video reviewing the fundamentals of sewing and explaining how to use the patterner. The package also includes a convenient storage bag and spare knobs. The Design Brochure illustrates and offers step-by-step guidance in making more than 90 contemporary fashions to get you started.

For more information or to order call: 1-800-874-3444.



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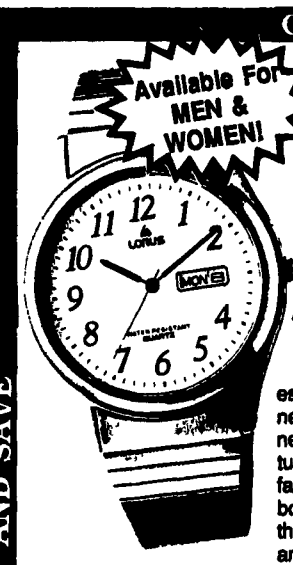

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CLIP AND SAVE

Members who were presented awards during Adams County 4-H Achievement Night included, from left, Beth Green, Gettysburg, Olwyn Weant Fashion Revue Memorial; Kristin Johnston, Gettysburg, Lois Smith Gardening and Mrs. Edward Snyder Clothing Memorials; Chad Funt, Arendtsville, Larry B. Feeser, Sr. Swine Memorial; Abe Bucher, New Oxford, ABC Williams Special Leadership and Robert Lott Memorials; and Matt Brown, McKnightstown, William Miller Special Leadership Memorial.

For 10 years of service to Adams 4-H, honored were, front from left, Gettysburg; Phyllis Green, Gettysburg; Sharon Baker, Littlestown; and Abbottstown. Back, from left, Marion Murren, Hanover; Gera Livelsb burg; Bob Meckley, Abbottstown; and Mike Ludwig, Gett burg.

Adams 4-H Honors Members, Leaders

GETTYSBURG (Adams Co.) — Adams County 4-H members and leaders were recently honored for their work with the 4-H program.

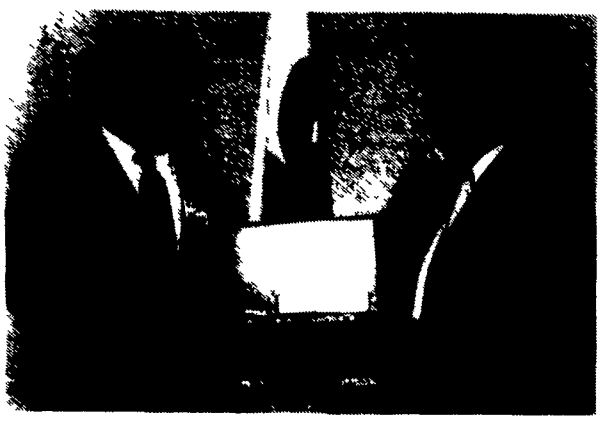
Members who were presented awards during 4-H Achievement Night included Beth Green, Gettysburg, Olwyn Weant Fashion Revue Memorial; Kristin Johnston, Gettysburg, Lois Smith Gardening and Mrs. Edward Snyder Clothing Memorials; Chad Funt, Arendtsville, Larry B. Feeser, Sr. Swine Memorial; Abe Bucher, New Oxford, ABC Williams Special Leadership and Robert Lott Memorials; and Matt Brown, McKnightstown, William Miller Special Leadership Memorial.

Each recipient received a hardback book specifically inscribed with their specific award.

Also, members were presented with the "I Dare You" Award. They are Marc Scott, Gettysburg; Richard Rudolph, Hanover; Heather Hawkins, New Oxford; and Daryll Gebhart, Orrtanna. The award is made available through the American Youth Foundation and is based upon excellence in character, balanced personal development, and leadership potential. The award is presented as a challenge to teen members to continue their career in 4-H.

Leaders were also recognized for service to 4-H recently. The Adams County 4-H program honored Lloyd Spahr, East Berlin, as the 1993 "Partner in 4-H." Spahr

(Turn to Page B21)



Adams County 4-H program honored Lloyd Spahr, East Berlin, left, as the 1993 "Partner in 4-H." Spahr was recognized for his support of Adams County 4-H through the Poultry Association and chicken barbecues. Presenting the award is Brenda Petry, York Springs, 4-H board president.

Other leaders honored included, from left, Les Millar, Gettysburg, 15 years; Mark Wilson, Aspers, 15 years; Tom Murren, Hanover, 45 years; Cindy Zepp, New Oxford, 15 years.

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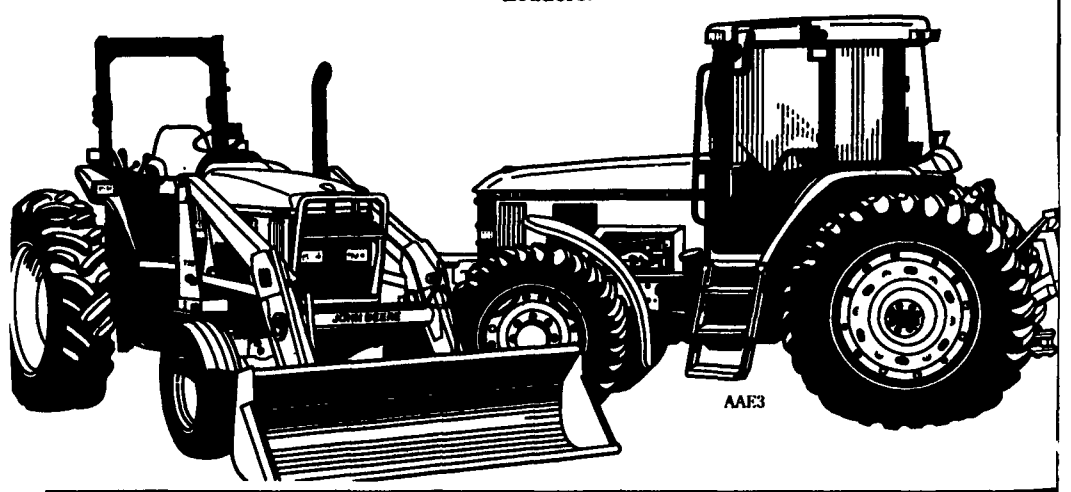

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LEADERSHIP AT WORK

front from left, Judy Ludwig, Littlestown; and Grace Smith, Gerard Livelsberger, Gettysburg.

N.J. Heats Up With Hot Chocolate Promotion

SYRACUSE, N.Y. — The American Dairy Association and Dairy Council, Inc. (ADADC) will be conducting a "steaming hot" chocolate milk promotion in northern New Jersey to benefit dairy producers through increased sales of milk in major supermarkets.

ADADC will support the promotion with over 200 in-store demonstrations, 100,600 four-color hot chocolate recipe brochures, and a new side panel with hot chocolate recipes for milk processors to use on cartons of milk.

Five radio stations will generate excitement for hot chocolate through promotional contests offering free trips for four to Disney World, Breckenridge Ski Resort in Colorado, and a Disney cruise as well as home entertainment packages.

ADADC's hot chocolate promotion partners include Hershey's, Nestles, Chipwich, Farmland, Tuscan, Welsh Farms, Lehigh, Shoprite and private label chocolate milk suppliers. The partners have been asked to provide free of charge chocolate milk for sampling, money saving coupons, sales figures to help evaluate the effectiveness of the promotion and to run the hot chocolate side panel on at least two carton lines. The promotion will be implemented in January of 1994.

Adams 4-H Honors

"I Dare You" Award recipients, from left, Marc Scott, Gettysburg; Richard Rudolph, Hanover; Heather Hawkins, New Oxford; and Daryll Gebhart, Orrtanna. Leah Woodward, representing York Farm Credit, presented the award.

(Continued from Page B20)

was recognized for his support of Adams County 4-H through the Poultry Association and chicken barbecues.

Other leaders honored included Les Millar, Gettysburg, 15 years; Mark Wilson, Aspers, 15 years; Tom Murren, Hanover, 45 years; Cindy Zepp, New Oxford, 15 years.

For 10 years of service to Adams 4-H, honored were Judy Ludwig, Gettysburg; Phyllis Green, Gettysburg; Sharon Baker, Littlestown; Grace Smith, Abbottstown; Marion Murren, Hanover; Gerard Livelsberger, Gettysburg; Bob Meckley, Abbottstown; and Mike Ludwig, Gettysburg.

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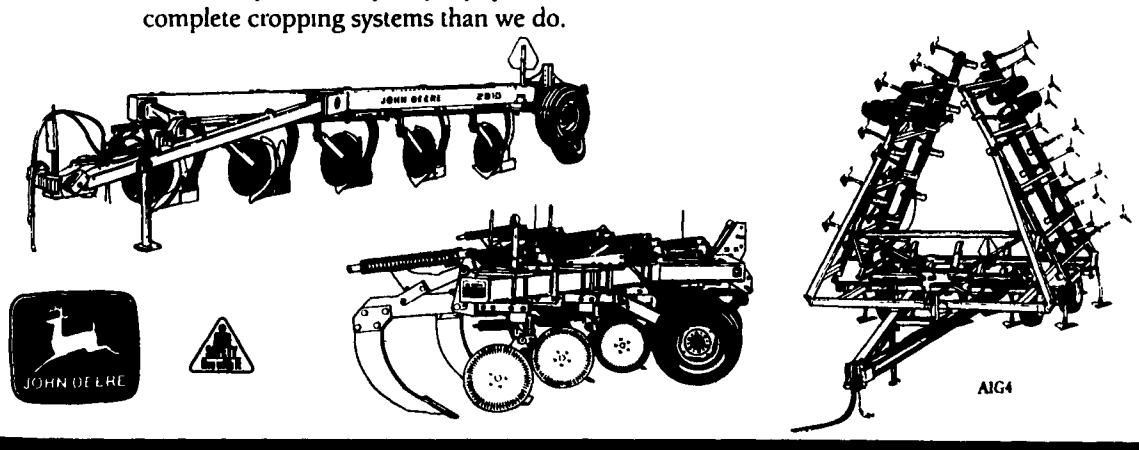

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4-H HAPPENINGS

Union County SPEAK 4-H Project

Planning a catchy introduction and conclusion and making eye contact with the members of the audience while giving a presentation were among the topics covered by the 4-H'ers who participated in the Say Yes to SPEAK 4-H Project. Union County 4-H'ers who participated are Aaron Michaels, Priscilla Michaels, Jennifer Rishel, Justin Spangler, Kevin Spangler, Jason Wolfe, and Jeremy Wolfe.

The participants made three major presentations: an ice breaker, a formal speech, and a demonstration or illustrated talk. They also had the opportunity to 'think on their feet' while doing several extremporaneous table topics. Through the project meetings, the participants learned to organize a presentation and make it interesting to the audience through the use of good eye contact and good visual aids as well as an effective delivery.

"Say Yes to SPEAK" was conducted by Janet Allis, Northumberland County 4-H Agent, with the cooperation of the Union County 4-H.

4H

Quality Assurance Educational Programs For Animal Agriculture

Editor's note: Last week, the emergence of Quality Assurance Educational Programs (QAEPs) in the animal industries was described. In this conclusion to the series, following are the QAEPs as they now stand in the United States.

Lowell L. Wilson
Penn State Professor
Of Animal Science

Beef QAEP Phases

QAEPs and increased attention to violative residues and value losses have brought the beef, dairy, and veal industries closer together.

Beef QAEPs began with emphasis on the last segment of beef production: cattle feeding and the finished beef carcass. But it was clear that many of the problems (injection site blemishes, bruises, etc.) in the finished carcass resulted from treatment of the calf before weaning.

Thus, Phase 1 of the beef QAEP is at the feedlot level, while Phase 2 is at the cow-herd level. Injections given to a calf up to 7 months of age or at weaning with either poor injection equipment, the wrong product, in the wrong muscle, or at the wrong dosage could result in a blemish, trim loss, or residue in the finished carcass.

Cow-herd operators are now participating in Phase 2 of the QAEP. All segments of the beef industry are coming to realize that when there is a value loss in the finished product, everyone involved suffers part of that loss.

Another "beef" situation now being addressed by the National Cattlemen's Association in its QAEP is the percent of violative residues in cull dairy and beef cows. The violative percentage in cull cows is high relative to other market animals.

It is immaterial whether the tainted hamburger comes from a cull dairy cow or a cull beef cow. It's all beef, and it reflects poorly on both the beef industry and the dairy industry.

Beef, Dairy And Veal Cooperation

Uses of dairy bull calves for "bob" veal, special-fed veal, and dairy-beef production have led to a new alliance among the beef (National Cattlemen's Association), dairy (National Milk Producers Federation and Holstein Association of America), and veal (American Veal Association) industries.

Everyone in the beef, dairy, and veal industries has a stake in what happens to the bull calf on the dairy farm. Approximately 1.75 percent of all bob calves processed at 3 to 14 days of age have violative chemical residues. With few exceptions, these residues occur when the calf is still on the dairy farm.

Dairy farmers must be interested in reducing this problem because it is a direct reflection on their calf management and health treatment methods, not to mention the reputation of the dairy industry.

Beef cattle farmers must be interested, too, because dairy-beef programs start with calves that have much higher levels of violative residues than does the finished beef product. Similarly, veal producers want to start with a calf that does not already carry an antibiotic residue. The special-fed veal industry has reduced the percent of violative residues from 3.34 percent in 1988 to less than 0.13 percent in 1992.

All of the organizations mentioned have cooperated in drafting program guidelines to increase the quality and health of bull calves as they move from the nation's dairy farms through the marketing channels to the end user. One of the best ways to make certain that a meat product does not have a chemical residue is to maintain the health of the animal so that it does not require medicinal treatment. An additional benefit: healthy animals that don't require health products are more profitable.

What's Ahead?

Most QAEPs are being expanded to become total quality management (TQM) programs. TQM considers every aspect of facility and equipment design, animal care, air quality, waste disposal, biosecurity, record keeping, animal health product development and improvement, animal handling systems, animal transportation guidelines, etc. These factors not only affect meat and milk quality, but also the well-being of the animal, and the bottom line — profitability for the producer and every other segment in production and marketing.

It has been my experience in more than 30 years of involvement with the animal industries that we are all proud of our products and the animals from which these products originate. We are proud of our contributions, our efficiency, and the fact that we're recognized throughout the world as being productive.

Although we are motivated to produce quality, wholesome products, sometimes we need a realignment of our attitude. In 1988, the American Veal Association began its QAEP with the motto, "You are not just feeding calves, you are producing food for families." Probably the most effective way to bring about further improvement in our animal products is that each time we milk a cow, administer an antibiotic to an animal, or load animals onto a truck, we remember that the primary use of that animal is to yield a

(Turn to Page B23)

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Quality Assurance

(Continued from Page B22)

food product. When we consider that the consumer using our products might be our children or grandchildren, our motivation to do things with consistent correctness becomes even more clear.

What Is Penn State Doing For Quality Assurance?

Most University Park and county extension personnel involved in some phase of quality assurance would be involved even if there were no organized QAEPs.

Producer and processor education programs are conducted in health maintenance, factors affecting air quality in enclosed buildings, administration of vaccines and medicine, animal handling methods, and carcass value losses, among other topics. For each animal industry, let's look at how Penn Staters are working with commodity organizations on specific QAEPs:

• Beef: Forty-three states conduct formal QAEPs, usually coordinated by state cattlemen's associations, state veterinary medical associations, and university extension personnel. This is the case in Pennsylvania. The QA subcommittee chaired by Bill Palmer, Shartlesville, of the Pennsylvania Cattlemen's Association, was formed in March 1993. With inputs by animal scientist John Comerford, meat scientist Bill Henning, and veterinary scientist Tom Drake at Penn State, a plan was developed to implement the program. A training session was held to instruct 16 county extension agents in conducting QAEPs locally. Necessary audio-visuals, printed materials, and equipment were demonstrated and made available. By "training the trainers" in this manner, cattlemen and producer groups now have a local resource available for an effective QAEP. Information about the beef QA program can be obtained from Comerford or Henning (814-863-3661) or through your local county extension office.

• Milk and dairy-beef: Bill Sischo, Larry Hutchinson, and Dale Moore of Veterinary Science and Steve Spencer of Dairy and Animal Science are involved in Pennsylvania's milk/dairy-beef QAEP. The primary coordinating organization is the National Milk Producers Federation. Educational materials centered on 10 critical control points have been prepared and distributed. Specialists conduct special short courses for dairy producers, processors, and veterinarians. The dairy industry has a long-standing interest and excellent history in setting standards for milk quality which are higher than required by most regulatory agencies. Naturally, those involved with either beef or veal QAEPs are also working with dairy-beef, since cull dairy cows and Holstein bull calves eventually become beef or veal.

• Swine: Penn State veterinary scientist Larry Hutchinson and animal scientist Ken Kephart provide educational programs in cooperation with the National Pork Producers Council, the sponsor of the Pork Quality Assurance Program. In two recent swine feeds and feeding short courses, producers were given instruction on feed-handling techniques to avoid drug residues as well as guidelines for selection of feed additives. At the 1994 Keystone Pork Congress on February 16, producers not yet enrolled in the Pork Quality Assurance Program can receive training for Level I.

• Lamb: The lamb QAEP is being formulated and will be coordinated nationally by the American Sheep Industry Association. The Pennsylvania Sheep and Wool Growers Association and Pennsylvania Department of Agriculture have a marketing committee that includes QA materials. Penn State animal scientist Clair Engle, (814) 863-3669, has information on the lamb QAEP.

• Veal: Penn State representative Lowell Wilson of Dairy and Animal Science serves as technical advisor to the American Veal Association's QAEP, which is in the process of being expanded to a total quality management educational program. The veal QAEP has emphasized practical publications, an in-barn demonstrational video, and seminars in major veal production areas. There have been more than 40 such seminars. More than 80 percent of the veal producers in the nation have attended these seminars. Wilson can be reached at (814) 863-3659.

Quality Assurance Educational Programs are also in place for poultry meat and eggs, and they now are being developed for aquaculture, goat meat and milk, and llamas.

Tax Meeting Set

LANCASTER (Lancaster Co.) — Tax preparers, farmers, agribusiness people, and other interested individuals can secure an update about federal income tax at the 1994 area income tax meeting to be conducted from 8 a.m. to 4 p.m. at the Country Table Restaurant on Route 230 just east of Mount Joy on Wednesday, January 19. Information presented at this meeting will be helpful as taxpayers approach the 1994 tax filing season.

The topics covered at the meetings will range from a look at new developments to a review of important tax principles. The program will include a discussion of tax law changes affecting individuals, businesses, and farms along with critical issues to be confronted by taxpayers when they file their 1993 tax return.

Changes in the tax code, such as increasing the annual section 179 depreciation deduction from $10,000 to $17,500 and the extension of the self-employed insurance deduction to December 31, 1993 will be discussed. Farm fringe benefits, using a net operating loss (nol) to reduce tax obligations, employee business expenses, and preparing the farm tax return will be dicsussed. Handout materials will be provided to support the instructors' discussions, along with the Research Institute of America Master Federal Tax Manual.

Penn State faculty representing farm management extension will serve as instructors for each of the sessions.

Registration is $40 per person which includes lunch and reference materials.

A brochure including a registration form and more information about the one-day income tax meeting is available from the Lancaster County Cooperative Extension office. Questions about the meeting may be directed to Alan W. Strock, farm management extension agent, at the Lancaster County office, (717) 394-6851 or the Chester County office at (215) 696-3500.

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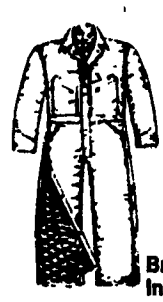

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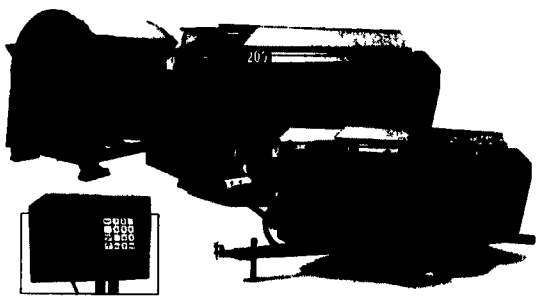

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Llama female $4000, male $500, mute & black swans $450 pair, whooper swan $400 delivered to N.H. 203-564-2579.

JD F 125, 3 pt., 3-16 spring reset plow, $975, 80 gal. water pressure tank, $35. Lanc. Co. 717-626-5532.

Antique cookstove, Prizer regal made in Reading, Pa. Leb. Co. 717-838-9096.

Firewood 50 cord of trimmed logs $20 per pick up load. Manheim, Lanc. Co. 717-665-4308.

Polled Hereford cows bred heifers open heifers & breeding bulls. 717-345-2488.

1975 F600 cab frame 84" BCA parts, 48 GMC cab chassis antique, 18.4x34 tires reasonable. York Co. 717-292-2588.

Warm morning coal stove $250, Hotpoint 40" elect. cookstove, JD 2010 w/cult. PTO don't work. Lanc. Co. 717-738-4164.

Overhead door 8x7 & 8x6½ 16' wooden gate $30 cow lift $20, crawler pads $50 for set. Bucks Co. 215-488-1541.

Speed Queen washer, Whirlpool 4 burner elec. range, 4 burner gas range all shabby but work ok, $15 ea. York Co. 717-235-3197 after 4 p.m.

10" index head, chuck & tailstock 3-division plates $300, 9" rotary table "Troy-ke" $300, both items $500. Montg. Co. 215-539-0428.

500 Sexling Pullets $3.50/ea., broom machine, corn drag. 717-626-5678.

Jack Russel and mixed puppies wormed and puppy shots, ready to go Dec. 15. $40. Lanc. Co. 717-738-3925.

Antique cigarette mach., 1950's working cond., $150, new unfinished pine bookshelves, 18x3'-$30, 30"x28"-$35, benches 7'-$40 pr., misc. wooden gifts. Lanc. Co. 717-442-8535.

Papec 10" hammermill good cond., $195 OBO. Wanted 4' extension for Little Giant elevator. Juniata Co. David M. Swarey, Rt 1 Box 766, Mifflintown, Pa. 17059.

AKC German Shepherd pups ready to go, $150. Amos F. Stoltzfus, 606 White Horse Rd., Gap, Pa. 17527.

Age holstein breeding bulls 1 yr. old, half angus & half holstein polled bulls. 717-993-3585.

Bellsaw sawmill w/40" blade 32' of track pressure treated lumber for framing. Franklin Co. 717-597-4494.

Plstic egg flat 30 egg Big Dutchman floor feeder elect. brooder feeders waters, Lyon super debeaker Kuhl egg washer Dfrack drop feeders. 215-944-7403.

Christmas gift: Collectors truck from Schuyl. Co. Fair, 10th Anniversary, 1st edition, $33 + shipping. 717-345-2882.

Four top-quality close bred heifers reg. trifecta $1,500, I-D grades $1200, ABC sired due Jan.-Feb. to Marco Polo & Belltone. Leb. Co. 717-272-9973 eves.

Tire chains 16.9x34 or 15.5x38 blower for Silo-Matic unloader 100 gal. gas tank w/pump Nupulse pipeline milkers. Westmoreland Co. 412-593-6531.

1 pr MG acetylene oxygen tanks. Lanc. Co. 717-733-4764. Leroy Hoover.

5 yr. old standardbred trotter 100% safe sound w/ white markings top driver ready to go. Lanc. Co. 717-786-8154 8 a.m.

780 Ubler TMR parts 4 carts, Oliver 64 grain drill parts, Oliver 73 corn picker parts. Westmd. Co. 412-423-2418.

JD rear wheel weights from around spoke B, $40, single row McD cultivator extra teeth & shields, $50. Mont. Co. 215-672-6894.

40 farrowing crates 5/16" wire mesh flooring & stands, stainless steel feeders, 4 yrs. old. Leb. Co. 717-272-5451, after 6.

Christmas trees, choose & cut, $16-$25, fresh handmade wreaths, swags, garland & bows. Elizabethtown, Lanc. Co. 717-367-9214.

Barley 350 Bu $2.10 p/bu. alfalfa 1st cutting $75 p/ton. Hershey Area, 717-534-2510 after 5 p.m.

JD 1010 diesel crawler loader w/winch engine stuck $1800. Morris Co. N.J. 201-334-0217 after 6 p.m.

1977 Chevy pickup ¾ ton, cap, 97,000 miles, $800. Lanc. Co. 717-653-5337 or 717-367-2674.

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Corn shellers, hand operated, old, JD good cond. #1B, also Keller from Lanc. Pa. Leb. Co. 717-865-4729.

LNT 9000 tandem tractor parts- GMC 7500 series 2 spd. rears 30,000 miles 60 series Chev. 2 spd. 35,000 miles, 24" backhoe bucket. 908-544-9508.

Tractor tire chains road type like new fit JD 750 107" long 17" wide Sussex, N.J. 9-5 201-875-1597.

3 axle lowboy trailer 16' deck need minor work $800, many blulding bricks for sale. Lanc. Co. 717-367-0338.

Yanmar diesel tractor 3 pt. WFE 84 hr. $5000, 1500N hitch harrow PTO on wheels $995, no Sunday calls. Montg. Co. 215-296-8858.

Extension racks & grain tailgate for 16' Midwest body $125 OBO. Leb. Co. 717-949-2107.

Mack 1964 tractor B75 twin screw 673 triplex LJ cab asking $3900 OBO. Loader AC HD5 parts. Morris Co. 201-366-2097.

2 standardbred carriage horses, safe & sound, road ready, used furniture B.R. suite etc. York Co. Jacob Stoltzfus, Rt. 425S., Airville, Pa. 17302.

Truck tires used 9:00-20 traction or highway tread $5 to $60 ea. Berks Co. 215-589-5164 after 7 p.m.

Ewe & lamb $50, also Barbados lambs $40 ea. or 2 for $75 great for Christmas. Bucks Co. 215-822-1639.

8 yr. old standardbred carriage horse, good broke, 245 Oliver 3 bottom plow, fresh Jersey cow. Lanc. Co. 717-354-5039.

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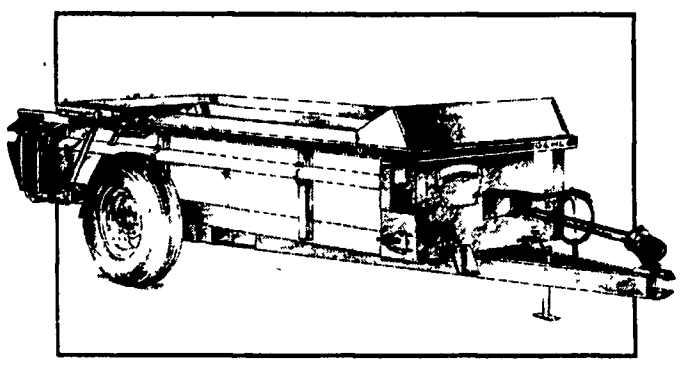

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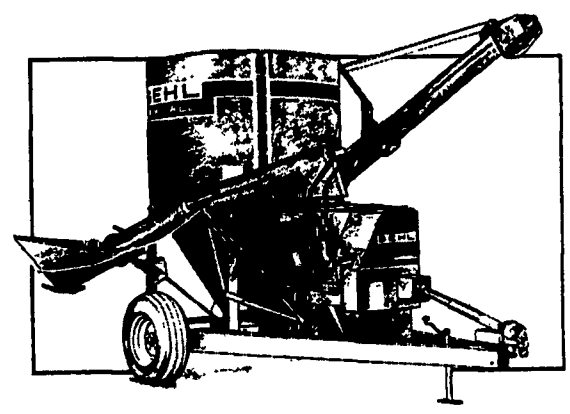

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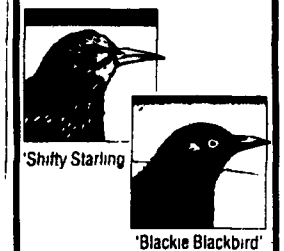

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1983 Dodge ram 50 $400, 1958 Ford F-350 stake body runs well $300 best offer. 717-274-1413.

1964 Ford Falcon Futura V-8 restoration started no rust, owner passed away, $1800. Leb. Co. 717-832-0208 or 717-865-7447.

3 yr. old standardbred mare, needs work, good road horse, also sheltie pups, 2 males, $125 ea. 324 S. Bonsall School Rd., Coatesville, Pa. 19320.

Bales mixed hay $1.50 ea. no Sunday calls, please call between 6 p.m.-7:30 p.m. Lanc. Co. Pa. 717-484-2383.

6' pig trough steel great shape 3 galv. feeder wall mount $25 for all. Montg. Co. 215-287-5370 after 5 p.m.

Kubota 5' snow blade, power angle, skids, ex. cond. fits L185-L245, $350. Fred. Co. Md. 301-865-3698.

1973 Chev. 65 33,000 GVW 366 V-8 5 spd. w/2 spd. rear 20' alum. van roll up door with side door. Cambria Co. 814-495-9270.

NH slurry sides & hyd. end gate for 679-680 & 185 manure spreaders, excel. cond., $795. Shenandoah Co. 703-984-8884.

104-V-4 Ford engine 35+ HP clutch & 540 PTO nice crimps, baler engine $300. Somerset Co. Write Eli J. Mast, R3 Box 13, Meyersdale, Pa. 15552.

20 feeder pigs & 10A manure spreader, rebuilt. Jacob Blank, 166 Blank Rd., Narvon, Pa. 17555, 2 miles northeast White Horse, Lanc. Co.

400 burlap feed bags .20 cents ea. York Co. 717-235-2032.

Damaged truck load of plastic PVC fencing dealer cost $3600 will sell for $1500, 16' rails & posts. 717-354-7992.

Gravity wagon w/running gear $550, 16' 4" grain auger w/motor $110, locust posts $1 ea. York Co 717-637-0539.

Two carts- Meadow Brook & restored road cart, pony size to 13+ hands, "93" peacocks male & female. Montg. Co. 215-754-6583.

Small steam engine, small steam whistle, caboose whistle, large mitre box, portable sewing machine push cult., hand truck. Berks Co. 215-944-7858.

1 horse Portland cutter sleigh mfg. Sturtevant Larrabee Binghamton N.Y. good cond., $500. Berks Co. 215-582-2198 after 6 p.m.

Wildlife prints: Ned Smith "closing in" (wolves) & "timber baron" (turkey). Berks Co. 215-367-9672, after 4 p.m.

Purebred holstein bulls (10-20 mos.), from dams w/ records to 28,000m. 1100f. wormed & priced to sell, possible delivery. Franklin Co. 717-597-3770 or 328-5487 or 328-3530.

Two big tractor tires w/rims size 11x28 tread about half. North'd. Co. 717-758-1661.

Infrared LP gas heater, 60,000 BTU, also 150,000 BTU kerosene heater, both like new. Lanc. Co. 717-768-8648 between 1 & 1:30.

Angus heifer & bull calves from AI sires. Carroll Co. 410-374-6423.

3 tier floralight plant stand w/3 "sunlite" 4-bulb fixtures complete w/48" bulbs & trays- 60 days old, $500. Lanc. Co. 717-367-5420.

48" clay PTO hay or ear corn drying fan w/4 ducts. Lanc. Co. 717-626-0189.

100 pullets lay brown eggs $3.50 ea. Lanc. Co. 717-656-2993.

Lincoln 225 amp. AC stick welder 1 yr. old $200, IH 2 post roof for 66 series $500. Berks Co. 215-683-3428.

Maytag wringer washer, excel. cond. can deliver. Lanc. Co. 717-872-2596.

1270 Case 135 HP diesel power shift 2150 hrs., no. 90 loader 8' bucket strong, sound $9500 neg. Mifflin Co. 717-899-6970.

AC "C" painted 90% rubber there & back plow runs great, Farmall Super "C" culti. Hunterdon Co. 908-782-5774.

Stoltzfus feeders, can be used for grain & silage, enough for 35 cows. Lanc. Co. Amos Ebersol, 561 Churchtown Rd., Honey Brook, Pa. 19344.

Huntington (2) HD21A Fiat-AC 180 HP diesel bulldozers, good running cond., engine good for sawmills your choice $8500, both $15,000 firm. 814-832-2682.

3 yr. old standardbred mare, needs work, $1100, also sheltie pups, 2 males $125 ea. John R. Allgyer, 324 S. Bonsall School Rd., Coatesville, Pa. 19320.

Texas Longhorns, bull, cow, heifer, calf, reg. all very docile, $1800 for all four. Balt. Co. 410-343-1477.

Hen's & ringneck pheasants 40 hen's 15 ringnecks 17-18 wks. old. Dau. Co. 717-692-4704.

Radio controlled car from Radio Shack like new, batteries included. $35. Lanc. Co. 717-394-4219.

Pipeline lockhead stalls for flat parlor w/3 Surge units 400 gal. tank. Clinton Co. 717-753-3049.

Boat/16' Starcraft runabout, 40/H.P. Johnson motor, Ezeeload trailer, $1500 cash, Canoe/18' Grumman Whitewater, new $725 cash. Bradford Co. 717-673-4507.

JD Cyclone B needs work $995 or best offer 9x24 tractor tire $50 pair 11x24 $75 ea. Sullivan Co. 717-924-3847.

1983 Suburban 6.2 diesel ¾ ton 4x4, Riteway #37 woodstove- two scalding troughs w/wide boards. Berks Co. 717-682-7754.

JD MT $1750, JD M $1750, IH hay press restored $1250, 1½ HP Stover Hit-Miss engine $400. Chester Co. 215-458-8433.

AKC Reg. Cocker spaniel black, shots wormed very friendly $150. Schuyl. Co. 717-345-1170.

Farmall 340 gas tricycle fast hitch fenders tires like new paint, good. Berks Co. 215-670-1260.

JD 730 diesel NF PS 3 pt. remotes nice on new expanded metal wheels w/ rubber blocks. J.Y. Esh, 5250 James Rd., Mech. Md. 20659.

1953 ½ ton pickup truck Chevy 1962 Pontiac Catalina 2 door parts or restore. Hunt. Co. 908-782-1947 call before 9 a.m.

14T JD baler good shape runs good. Chester Co. 215-286-6918.

1890's school bell from top of school house $275, Ford Jubilee tractor PS loader, no bucket $2900 can deliver. Mifflin Co. 717-483-6245.

Mall chain saw parts, also 2 Mogul engine runs real good & other items for sale. Lanc. Co. 717-653-8045.

AKC Siberian husky pups blk/wt shots wormed 7 wks. Dec. 14, $185. Berks Co. 717-933-8764.

Camper 8' slide in cab over, bath kitchen needs a little work $150, also JD 60 NF 1900. N.J. 908-359-5014.

Engine block for 1755 Oliver diesel, repaired but useable, $350 neg. Leb. Co. 717-469-0356 after 5 p.m.

1957 Chevy rims, 14", best offer, 1956 Chevy Belair rear windshield, $125, cherry piecrust table, $100 OBO. Bucks Co. 215-343-1055.

Farmall F12 steel on rear 1936 model running good, sheet metal sand blasted, primed $950. York Co. 717-244-3415.

Snow blower 3 pt. hitch 72" width $1000. York Co. 717-292-7365.

Cleaned used lumber 2x4's, 6 & 8's, half price of new, also heavy galv. roofing. Hunt. Co. 908-996-2611 call eves.

5.2 HP Kawasaki engine 1" shaft model FA210V-AS02, new $225, sold for $431. Sussex, N.J. 201-875-1597.

Radio Shack TR8US computer, printer, drives, 50 disc, manuals, & more, best offer. Northstar also. Cecil Co. 410-398-7680.

441 Mustang diesel skid loader hydro $3600, 4 row 56 cornplanter $275, JD 640 hayrake rubber teeth dolly wheel $975, Ford tractor 9N runs good tires snow plow $1995. 717-354-9144.

David Bradley garden tractor w/reverse cult. disc plow roller snow blower snow blade, good cond. Lanc. Co. 717-738-4117.

Plassoon turkey waterers, 1- two yr. old bull purebred Angus, one Chi-Angus 2 yr. old bull, Angus cows & calves. Leb. Co. 717-949-3701.

1981 IH truck S18 DT466 32,000 GVW 20' reefer, 8' by 20' walk-in cooler, FMC 2 row potato harvester. Berks Co. 215-488-7843.

Large pile excel. clean topsoil, best offer. Wanted-used farming lumber, especially 2x6's, also 2" T&G flooring. Lanc. Co. 717-367-9494.

Cheviot ram lambs 10 mths. old $40 ea. or $70 both. Schuyl. Co. 717-943-2017.

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- Is environmentally safe
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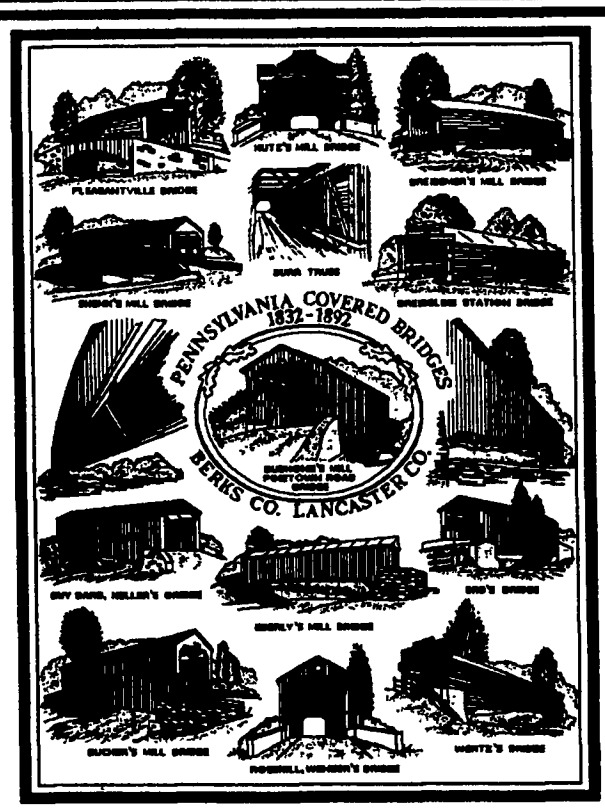

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AKC Siberian husky ready to go Dec. 23 choose now shots & wormed blue eyes, nice Christmas gift. Lanc. Co. 717-664-4857.

10 small square bales accumulator & front loader bale forks will sell separator or together. Blair Co. 814-832-2201 9-11 p.m.

TD 9 91 series loader runs good cond. u.c. sullair air comp. tow type 100 CFM Ford gas. Som Co. N.J. 908-658-3414.

Used Smidley hog feeders also wanted 6" irrigation pump. Leb. Co. 717-865-5470 no Sunday calls.

Miniature horses $500 & up will hold till Christmas. 556 S. Fairmont Rd., Ephrata, Pa. 17522.

Purebred yearling Hampshire ram, proven sire. 717-626-8926 after 5 p.m.

1979 Dodge 100 pickup truck, atuomatic 64,000 miles, good running cond. 717-665-3920.

Antique flooring, hewn beams, porch posts, columns, 250 doors, old loghouses, cornices, chestnut lumber, seven acres architectural items. 717-334-0249.

500 cap. Fairbank platform scale $65, Keller steel blade saw $50, sun ker kerosene stove w/can full of kerosene $15. 717-354-0616.

White prizer cabin or kitchen range, Papec silage blower. Wanted 4 btm. trailer plow. Bedford Co. 814-793-9634.

127 acre farm w/4 bdrm. brick house 70 acre tillable 40 acres mountain land 10 acres Christmas trees. North'd. Co. 717-758-8671 no Sunday calls.

Coleman crawdad 12' ABS boat, $350 OBO, Gravely L-8 w/attachments, will separate. Cecil Co. 410-398-7680.

Two head lights, heater mics for 1936 GMC truck, also truck axle, all good cond., make offer. Berks Co. 215-926-4436.

Ice cream/soft pretzel stand at farmers market, Montg. Co. under $5000. Write: Occupant, 43 Bick Rd., Fleetwood, Pa. 19522.

Conveyor telescope 15' to 25' like new rubber belt 16" wide 115-230 1 HP $1000. Lehigh Co. 215-433-8569.

#17 NI manure spreader good working cond. Elmer Stoltzfus Jr., 282 Cut Rd., Gap, Pa. 17527 off Millwood Rd., Lanc. Co.

Muller cement mixer, size 95 1.5 bag 8 HP B&S and 220 volt cost $3500 New, $1500. firm. Adams Co. 717-334-0109.

Beautiful mohair, washed $5/lb., washed/pic'd $6.00/lb, perfect for crafts or spinning. Berks Co. 215-987-6902. days.

Chi-Maine club calves just arrived, Preconditioned halter broke, these calves are made for the show ring. Great for 4-H/FFA 215-944-6007.

Computer, IBM compatible 2-5¼ FB 640KB. Ram, green text monitor $100. Radio Shack TRS80 $45. Lanc. Co. 717-354-9916 no Sunday calls.

Wisconsin engine VG4D, 37 hp, has burned valve $475. Berks Co. 215-683-3748.

Registered polypay ewes exposed to ram herd dispersal, reasonable small Jenny donkey $300. Queen Anne Co., Md. 410-758-4821 eve.

Honda 2.2 HP model G100 $175. Used very little, good wash. machine engine, free UPS shipping Cumb. Co. 717-423-5358.

John Deere 50 needs water pump repaired $800. Blair Co. 814-793-4262.

Calf hutches, calf kennels with feeding alley in back, plywood feed bins, hot water furnace. Lanc. Co. 717-442-8972.

74 JD 350C crawler loader ROPS, gd. bkt. new pins, bushing, good cond. $11,000. 6 PM 717-656-9660.

Taurus .38 spl. revolver wood grips, satin finish, new $225, SKS rifle w/ ammunition $135, 10 shot good cond. 717-259-9696.

8.5' snow blade w/ext. good cond. 5' fast hitch snow blower could be changed to 3 pt. Bucks Co. 215-749-2400.

2 60+ inches sorrel mules 30 mth. 1 black mule 18 mth. 1-18 mth. & 1-6 mth. brown w/black stripe over shoulder full bro. Bedford Co. 814-784-5872.

42' alum. double deck, step down, cattle trailer, PA inspected, $2500 firm. Cumb. Co. 717-532-9472.

Courting buggy refinished in red, new upholstery, $1600. Mt. Green Coach Shop, 15632 Mt. Green Rd., Spring Run, Pa. 17262.

Purebred German Shephard pups for Xmas, Samuel Stoltzfus, 1140 Brunnerville Rd., Lititz, PA 17543.

Westinghouse welder 200 amps with VE Wisconsin engine, runs but needs some work $400. Elam E. Beiler, 21 Pond Rd., Strasburg, PA 17579.

3 yr. old Angus bull, good for cows or heifers. 11199 Welsh Run Rd., Greencastle, PA 17225.

JD side dresser, hillers, cult 4 "M" 3 pt. 3 (14"), 3 pt. cult., subsoiler, spike harrows, 1R planter, spinner, cultivators, plow, mower, sidedresser, 4 Cub Super "A" parts. Salem Co. 609-358-8625.

3 phase rotary converter. Lanc. Co. 215-445-6142.

Backhoe International 3414 diesel shuttle V.G.C. $7,000, 11 HP Simplicity riding mower 42" deck, VGC $350. Bucks Co. 215-536-9239.

8 good used lowboy tires, 7.50-15R mounted $500. Liftgage $700. 6.9 diesel engine $1400. 391 Ford engine 850. C-6 auto. trans. 4 wheel drive $250. 717-582-2625.

Ford 80a powermaster tractor in good running cond. $2500. Lanc. Co. 717-367-1545.

AKC Registered male pomeranian cream colored, shots, wormed, one female Rottweiler four months old, shots wormed, Lanc. Co. 717-626-4248.

Shephard hound mix pups ready for Christmas $50. 6 week old and adorable. Quakertown, Bucks Co. 215-536-4482.

Fairbanks Morse 2-cyl. diesel 45C 199 hours, needs water pump $495 OBO ultraviolet water sterilizer, 7 GPM LN $300. 804-932-8043.

494A corn planter with insectioide attachment as is 717-733-7343 Lanc. Co. call after 6 p.m.

Toledo meat saw, Wellsaw splitting saw, butcher furnace plus other butcher equip. Call 717-386-5169 between 8-9 pm. Schuylkill Co.

Peddlars chestnut roasting cart early 1900's circa $350. Pony size, heavy double harness complete like new $350. Lanc. Co. 717-569-5150.

Now carrying baby lock sewing machines for sales and service. Fred Strobel's 890 E. Lincoln Ave., Myerstown, Rt. 422, Pa. 17067.

Chester white boar bred 5 cilts from tested herd will deliver 3 hereford heifers, wormed 58¢ pd. 717-632-4722 York Co.

Force outboard motor 15 HP 1989, short shaft, like new $850 with tank. Berks Co. 215-853-7856.

Commadore Amiga 500 computer, color monitor, additional external drive and software perfect cond. Leb. Co. 717-272-2533.

Hobart 400 amp welder, 271 Detroit diesel, good cond. $3500. Altoona, Leave message 814-942-3821.

1946 Chevy cab chassis PU, NH 270 baler NH 477 haybine four wheel hayrake, AC silage blower. Dauphin Co. 717-362-8198.

1984 Chevette fair cond., passed inspection $300 OBO. 85,000 miles. York Co. 717-227-0513.

Air compressor, 40 HP Sullair "Sulliscrew" model 10-40L, serial #21854DGE, 3phase 3'x5' air dryer, v.g. cond. $1400. Schuylkill Co. 717-366-1227.

3 BR Cape cod house 1½ baths, lg. LR, DR, enclosed porch, new vinyl siding, .45 acre. Juniata Co. Village of Evendale $65,000. 717-463-2744.

Calf shelter on skids, wanted railroad pins will give $.20 each. Samuel Fisher, 399 Mt. Vernon Rd., Gap, PA 17527.

16" vegetable washer, grader 600 36" heavy duty tomato cages, greenhouse LP gas heater. Jacob Lapp, 1598 Noble Rd., Kirkwood, Lanc. Co. 17536.

Three point hitch for John Deere M $50. Berks Co. 215-488-6177.

1978 Volvo diesel livestock truck 24 ft. Eby alum. body 35,000 lbs. gross weight, air brakes, will separate $5000 OBO. Lanc. Co. 717-872-8572.

Snow fences, 4 sections, 50 ft. lengths, York Co. 717-292-3977 after 5 p.m.

Rocky Mountain express train set, original box, like new, extra track, paid $199.99 asking $100.00. Lanc. Co. 717-684-8915.

JD plow, 3X 16" 3 pt. cat. 2, trip type with gage wheel, new shares, shins, moldboards, coulters $450. Berks Co. 215-987-6674.

Bantams Mille Fleur hens, golden Sebright silver Phoenix BB red Phlenix 3915-B Carlisle Rd., Dover, York Co., Pa. 17315.

Indian peafowl '93 to adult pairs, odd peahens, blue, pied, white, cameo (brown). Richard Burger, Newark De 302-994-0508.

Antique oak table, 42" round pedestal type, 3 leaves $375. GE drop-in elec. range/oven $50. Lanc. Co. 717-627-2864.

Kubota 4WD diesel B2150 gear drive ag. tires with 130 hours, live PTO $7500. Northumberland Co. 717-286-7046 eve only.

5-3000 gallon above ground oil storage tanks $200 each. Loaded on your truck. Berks Co. 215-926-4017.

Snow blower attachment Ford model #715 48" hydraulic controls, good cond. make offer 215-399-0652. Delaware Co. after 5 p.m.

50 hp 3 phase elec. motor Lincoln, also 10 hp 3 phase elec. motor, good cond., best offer, Chester Co. 215-444-9808 or 1913.

1983 Trans Am black/gold V7, 5 speed, T-tops, air, power windows; hideaway headlights, 70,000 miles $3000. Dauphin Co. 717-367-8723.

Kubota L260 w/loader blade, sickle bar mower as is $2700. Firm. 304-258-4432.

Jersey cow due 12/15 with 2nd calf. $650. Al bred from accredited herd, Calves also available. Sussex Co. NJ 201-875-5611.

New Idea 206 grnd drive manure spreader, 95 bu. 3 beather, new cylinder boxes, ex. cond. $1250. Lehigh Co. 215-298-3362.

500 gal. SS tank, 3ph motor, agitator heat/cool jacket kettle $350. Rear entrance chicken nest-offer. Lanc. Co. 717-354-5697.

4 ton grain bin, 2 compartments $500. 14' steel flat bed dump, 10 ton hoist on 73 Int. truck no running $1000. 215-593-6968 Lanc. Co.

Horse drawn sleigh, ex. cond. seat needs reupholstery, $625. Electric wheelchair, needs batteries $100. Columbia Co. 717-356-7413.

Small punch press $125. old lathe $200. 7½ hp hyd unit 3 ph. $250. Lanc. Co. 717-656-9876.

Mastiff breeders two, 1 year old females, also 3 3-4 month old heifers. Lanc. Co. 717-442-9208.

Bach Stradauarious 42 Trombone large bore F rotor very good cond. $800 or best offer. Cecil Co. Md. 410-398-4959.

1983 S-10 tahoe ext cab 1000; 8' fiberglass Ford cap 300. AC 6' HD 3 pt. mower 400. 410-287-9343.

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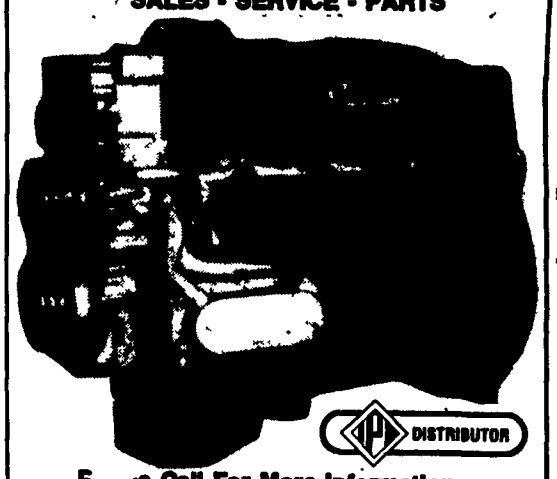

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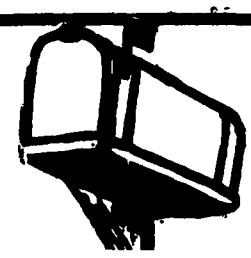

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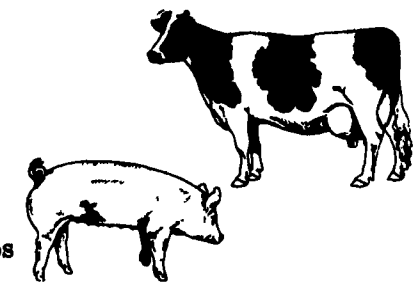

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5 yr. old standardbred mare trotter, traffic safe, sound, plenty of snap, good manners, 370 Newport Rd., Ronks, Pa. 717-656-6080.

AKC Rottweiler pups, shots and wormed, cute and durable, ready for Christmas. Lanc. Co. 717-656-3050.

73 GMC with 18 ft. box new 366 Goodwrench motor 26,000 GVW $2800. Carbon Co. 215-377-1629 after 7 p.m.

Haybine PT-10 good shape, cylinder and lines. $900. 692 Shaw Ave., Langhorne, Pa. 19047.

3 Minnich bale boxes, platform scales also wind wheel with 50 ft. tower. Enos K. King, Vintage Rd., Quarryville, Lanc. Co. 17566.

1952 GMC 5 window pickup. 1950 Chev ¾ ton panel truck, 1969 Opel GT. 301-831-3449 best offer.

AKC reg. Dalamation puppies, had shots, great Xmas gifts. 410-228-2014 evenings $300.

AC 7G track loader, needs steering brakes $2500. 60' Endless flat belt $50 cook stove $200. Camb. Co. 717-766-0426.

Breeding ewes 3 reg. dorsets, 1 unreg Dorset, 5 cross Chevron, price neg. $60. Rams 1 unreg Finn, 1 blk. face ram. Berks Co. 215-541-0966.

(3) 10" lathes $1000 ea. Monarch 18½ "x54" lathe, chucks, taper, collets $3000. (4) Birdgeports $1300-$3500. Radial drill, 3 ft. $400. Chester Co. 215-932-4019.

Cat 12 grader with sideboom Bush Hog $4500 HD5 Dozer needs eng. $1500 HD5 loader needs work $1200. TD15 engine $800 HD6 dozer tracks $800. ¾ yd. drag bucket. 410-378-2785. Cecil Co.

11 ft. snowplow complete with brackets, was on old International 10 ton dump truck, as is $400/best offer. 215-966-3819 Lehigh Co.

Farmall 656 diesel fair cond. TA steel wheels $3700. 215-683-7902.

Two Holstein feeder steers 400-500 lbs. $300 each. Cash Chester Co. 215-593-6484 after 6 p.m.

John Deere 4430 with cab, 900 hours on new engine, quad. trans. 814-643-5163.

Gorgeous Palomino colt handled and shown, good 4-H project, also nylon horse harness and English saddle, black 16" new Hunt. 814-448-2821.

Reading nice foot walk in utility box good shape, all locks work. $800. 717-834-9840.

Track loader, 64 Int. TD340 4 in 1 bucket, needs head gasket and tracks adjusted, best offer. Chester Co. 215-869-3393.

Pony carriage, fully restored $1400. Single pony harness, single Russett pony harness, double pony harness with collars. Bucks Co. 215-257-2662.

Golf carts EZGO gas engines 1988-1989, 4 wheel, good cond. $700 to $900. Ideal for farm use. Chester Co. 215-793-1970.

15,000 plus marbles and 72 Coke collectable bottles, best offer, Franklin Co. 717-369-3374 leave name & phone no. if no answer.

12 4x8 hog slats; 1979 Buick Regal, good cond., plastic layer; 29 York Landrace sows; 3 boars. Leb. Co. 717-866-6803.

1970 Ford F500 truck 361 engine 15,000 GVW, cab and chassis, good tires $700. Cumb. Co. 717-776-5803.

Rams Border, Leicester All shots $100. Berks co. 215-689-5893.

Antique flooring: rustic oak, wormy chestnut; early white pine, mantles, doors, wavy glass, hand hewn joists! call evening at 7 PM 717-334-6223.

Sylvania Console TV 25" works very well $100. Berks Co. 215-856-7764 weekends, 717-653-6883 evenings.

Ford 9N with loader and backhoe $3000. International MTA with 3 bottom plow, $1900. J. Deere 3 pt. corn planter, cornpicker, baler & rake, Berks Co. 717-933-8275.

Cooker Spaniel male AKC $50. Proven stud service, also for sale School Desks, ex. cond. $5 each. Berks Co. Bethel 717-933-8962.

3 baby goats, bottle fed 4 weeks old, very friendly, make a good Christmas gift for kids. 243 Stone Rd., Barto, Pa. 19504.

Alaska hay 2nd cutting, cattle hay, stored outside $60 at farm will load. Adams Co. 717-334-8553.

22' General 13 ton beavertail trailer, flipramps, dual axles, 4 electric brakes, pintle hook, 8x17 wood bed $2000/OBO. 215-767-1413.

International Cub Lowboy model 154 with Woods 60" deck, needs trans work, as is $1500. York Co. 717-235-5259.

Pygmy goats bred does and young does, peacocks white and pied young and breeders bar-headed geese breeders. Com Co. NJ 609-447-4847.

AKC Pomeranian puppies, shots and wormed all different colors, pickout for Christmas. Also Rottweiler. Lanc. Co. 717-442-4713.

French door 6.0x6.8 panic hardware $700. 86 F-350 $4500 treated fence post $3.65 ea. 717-786-7046 Lanc. Co.

MAILBOX MARKET
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Reasonable working backhoe for farm use, also 5' Brush hog, 2x16 3 pt. bottom plow, drag disc, class 1 system. Dau. Co. 717-545-8760.

JD 730, WFE, 3 pt., elec. start in good excel. cond. York Co. 717-235-4989. 717-235-4989.

Country property to large farm within one hour of Ephrata, for growing ambitious family after 3 or before 8 a.m. Lanc. Co. 717-354-8453.

Single egg grader, scale type. Kent Co. Md. 410-778-2577.

White pine 3' + & pin oak 2" cal. for farm pond within 50 m. of York, Lanc. Harford Co. Md. 410-877-7015.

Cropland to rent in Lanc. Co. & Eastern York Co. Lanc. Co. 717-687-7868.

10 white female indian fan tail pigeons, 2 female barrado lambs, delivered to N.H. sales. Ct. 203-564-2579.

Mini-license plates by DAV or BF Goodrich, also Accutron watch please describe. Don Fehr, Oxford Towne D-8, New Hartford, N.Y. 13413. 315-733-4810.

Corn shellers wanted, Eagle, Champion, Century, Peerless, Novelty, Briggs, Perfection, Richardson, Bird, Family, Others. B.L. Myers RD 6 Box 66B York, Pa. 17404.

A good quality electronic dog training collar. Leb. Co. 717-867-2452.

95 Case manure spreader in good working cond. 717-656-2867.

Used round baler. Fred. Co. Md. 301-447-6288.

AC HG5 crawler bucket or blade reasonable price. Snyder Co. 717-837-3745.

Remington 700 BDL's any caliber priced to cond. western hunt referrals all big game, excel. game conds. & percentage. Berks Co. 215-921-3810.

JD 2020 remote control valve & power steering unit for sale, Int. 500C crawler 4-in-1 bucket $4500 best offer. Bucks Co. 215-598-7564.

Ford 9N 3 spd. transmission parts or transmission, reasonable. Bucks Co. 215-968-5604 call anytime.

Delaval green sterling no. 73 DeLaval vacuum pump, milk cooler, good milk cans. 201-697-8360 12 noon or after 6 p.m.

Solo mist blower model 419 30 gal. 3 pth. or trailer. Bucks Co. 215-493-3563.

Blower like on feed trucks & water to water heat exchanger. Lanc. Co. 717-548-3294.

Round bales hay grass or timothy. Leb. Co. 717-865-3919.

Haymow forks wanted single harpoons, with names, patent dates or unusual. Also unusual hay knives. Robert Rauhauser, Box 766, Thomasville, Pa. 17364.

John Deere Model H tractor for restoration, must be reasonable. Retired have more time than money. Del. Co. NY 607-746-6807.

Round baler, small size 900# Vermeer, NH, MF, Hesston haybine 7' cut. 703-234-0924.

JD 1010 or 1020 with or without loader, please write Box 175, Goodville, Lanc. Co., Pa. 17528.

Flatbed pulley for Farmall Super C, Lehigh Co. 215-967-1012.

Class B van type motorhome w/refrig. etc. Also Accutron wrist watch, Don Fehr, Oxford Towne DE-8, New Hartford, NY 13413. 315-733-4810.

Backhoe or skid loader any size, in good mechanical cond. 609-629-8313. NJ.

Log splitter in good shape, Gravely walk behind Brush Hog attachment, woodworking bandsaw. Somerset Co. NJ 908-369-5899.

Propane tank 500 gal. good cond. Lanc. Co. Harry 215-593-6874 early AM.

One pair of Chinese geese, can be '93 brood. Lanc. Co. 717-687-6171.

Single boy to work as labor to help build barn this winter. York Co. O.P. Stoltzfus, RD #1 Box 51 Airville, Pa. 17302.

250 gal. LP gas tank or similar size. Lanc. Co. Walter M. Zimmerman, 245 Cabin Rd., Ephrata, Pa. 17522. 717-738-3539.

Wanted sand stone water trough must be in good cond. Lanc. Co. 717-733-6333.

Information, parts books for Shaw DuAll Riding Tractors model N8W barrow copy Duy Clfd Co. 814-583-5230.

Compressor & blower for 10'x11' walk-in cooler, must be in good cond., prefer newer model. Chester Co. 215-935-2314.

Cab for JD 3020. Lanc. Co. 717-872-0668 eves.

JD snow blower for 318 lawn garden tractor. Lanc Co. 717-653-4470.

Ready to buy your timeworn pine country furniture, any cond., cupboards, tables, chairs, painted, decorated or plain signa. Kent Co. 410-827-4949.

Steel wheels for Farmall M tractor. Chester Co. Christ G. King, 703 Hickory Hill-Lewisville Rd., Oxford, Pa. 19363.

Milk tank 1,000 or 1,250 gal. no ice bank or Girton also heat exchanger free heater, Jamesway barn windows. Leb. Co. 717-272-0041.

Farm way barn cleaner chain or better build cleaner chain. Chester Co. 3703 Media Rd., Oxford, Pa 19363.

Main gear box for 570 manure spreader. Armstrong Co. 412-763-9526.

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Used Habin 5 ft. or 6 ft. Sickle mower for 3 pt. hitch. Lehigh Co. 215-285-4309.

Hub for int. flail chopper. 717-386-4202.

391 Ford truck engine, any cond. York Co. 717-229-2333.

English saddle 16½" close contact must be made by "Blue Ribbon" Call 215-584-1491 leave message.

Singer treadle sewing machine for leather, shoe or harness maker's free arm style, call evenings 201-875-4717 Sussex Co.

Griswold fry pan #2 immediately, will buy all other sizes also. Carbon Co. 215-377-3064.

Front frame weights for Farmall Super C, F200, F230, IHC 3X fast hitch plow, exc. Robert Diener, Morgantown, WV 304-599-4027.

Rototiller for small tractor with Cat 1 3 pth. 30 or 36 inch wide. Call Greg 215-965-4970 Lehigh Co.

Old Midget or Sprint race car, 1940's, old stock car, Ford 1933-1940, and Willy's coupe 1934 to 1940. Berks Co. 215-670-9544.

Old guitars by Martin Gibson Fender Gretch National etc. Also catalogs. 717-626-7854 Box 21, Lititz, Pa. 17543. Lanc. Co.

Floor safe - prefer older larger store type, selling Woods 12 ft. flail mower box-holder, RR #1 Box 1460, Barnesville, Pa. 18214.

Diesel Suburban '85-'91 less than 100,000 miles, 6.2 motor well maintained 2 or 4 wheel drive. Franklin Co. 717-264-7011.

Buckskin horse for riding, well-broke, must have spirit! Reasonably priced. Dauphin Co. 717-599-5917 ask for Katy.

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Free 120 gal. solar, stone lined Domestic storage water tank, call after 9 p.m. Atlantic Co. NJ 609-561-4685.

Soil fertility your way, nutrient management, consultation, sampling service. Conventional, alternative, custom blend fertilizers, lime. "Homestead", 991 Fivepointville, Stevens, Pa. 17578.

Free old barn, party must dismantle and remove entire structure, good wood beams, large doors. Leb. Co. 717-838-5024.

Free: Poultry house 20'x90' corn barn w/oribe pig pen can have for removal. Leb. Co. gas water heater. 717-867-4495.

Dismantling a 40x66 bank-barn with attached 36x40 straw shed, also house. Union Co. 717-966-9310.

Slate & tile roof repaired, jack hammer for rent, or will do. 24 Queen Rd., Gordonville, Pa. 17529.

Sale Reports

BAKER SALE

A Public Auction of household goods was held December 4 by W.R. Baker, at the Lisburn Community Fire Co., 1800 Main St., Lisburn, Pa.

Some prices received were: boy's Roadmaster bike $210, license plates 1914 through 1937 $5 to $85 each, blanket chest $140, chain hoist $35, blue willow plates $16 each, meat grinder $18, Winchester flash light $15, J.D. part book $9, old floor model radio $35 and old china closet door $30.

Little IKE Eichelberger was the auctioneer.

LEFEVER SALE

A Public Sale of real estate and antiques was held December 4 by Paul and Mary Lefever, 2618 Siegrist Road, Ronks, Pa. There were 200 registered bidders.

The 3 bedroom split-level house was purchased by John Weaver of New Holland for $110,500.

Other prices were: painted jelly cupboard $220, 4 pc. mahogany bedroom suite $725, oak cupboard $430, small mahogany table $120, washer & dryer $300, applique quilt $300, Honda power mower $380, roto-tiller $105, cast iron bank $65, Roseville vase $70 and Knowles china set $170.

Miller and Siegrist were the auctioneers.

RUDNICK SALE

A Public Sale of real estate and farm equipment was held December 4 at 581 Dr. Miller Road, North East, Maryland.

The 59.5 acre farm with 2 houses and 3 farm buildings were sold for $225,000. A 1.8 building lot in the village of Westbranch was sold for $34,000.

Some other prices included: 1990 J.D. 855 tractor w/mower $12,000, 1990 J.D. 550 rototiller $1400, 1993 Vermeer 10 foot drill $8500, 1972 J.D. 3020 tractor $12,700, 1963 Int. 504 Gas tractor $4500, 1957 J.D. 620 Gas tractor $3200, 1945 J.D. model GM tractor $3400, 1978 J.D. 7700 combine $13,800 and 1990 Dodge D350 4-wheel drive pickup $17,000.

Harry Rudnick & Sons, Inc. managed the sale.

NEIDINGER ESTATE SALE

A Public Sale was held December 3 and December 4 for the estate of John Neidinger, Sand Hill Road, Hershey, Pa.

Some prices included: small Emerson radio $1800, ladies spittoon $450, toy top $170, cane from Harrisburg, Pa. $170, beer stein $475, Roterson tin tray $325, Aunt Jemima $200, Hershey sign $200, toy doll carriage $65 and toy goat and cart $110.

Harold (Abe) Shaffner and Mark Diffenderfer were the auctioneers.

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COLONIAL PARK, RT. 22 EAST, HARRISBURG, PA.
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8' Two Bowl Sink With T&S Spray, 6' SS Table, 6' SS Table With Overshelf, (15) Sections Metro Shelving, Dishwasher Wings-Straight And U-Shaped, SS Shelves, 4' SS Table With Sink, 5' SS Counter With Sink, SS Carts And Shelves.

REFRIGERATION

Kold Draft 1000 Lbs. Ice Machine On SS Bin, **Tyler** Single Door Refrigerator, **Delfield** Single Door Refrigerator, Single Door Freezer, Bain Maries, **Walk-Ins-** Beautiful 3 Door Unit Are 26' Overall-Cooler Right Is 8' Wide, Cooler Center Is 10' Wide, Freezer Left Is 8' Wide, Additional 8'x8' Cooler.

KITCHEN MAJORS

South Bend 6 Burner Gas Range, (2) **Garland** Gas Salamander Broilers, (2) **Groen** Kettles On SS Station, **Garland** Gas Confection Oven, (3) **Amana** Radar RC-145 Microwaves With Custom Stands, Electric Grill On Stand 36", (2) Electric GE Fryers, 48" Steam Tables, 48" **Alto Sham** Food Warmer, In Line Counter — 36" Electric Grill, 36" Bain Marie, 30" SS Counter, 48" Electric Grill, (2) **Hobart** 4 Slice Toasters, **Bunn** Large Capacity Coffee Maker, **Hobart** 20 Qt. Mixer.

MODULAR DELFIELD SERVICE LINES

Front Line Contains 5' Bain Marie, 3' Sundae Station, 3' Counter With Sink, 4' Coca Cola Soda Station, Back Counter Contains 4' Under Counter 2 Door Reach In, 4' Ice Well, 4' SS Counter, 6' Counter With Wells For Dish Racks, 6' Counter, 5' Refrigerated Counter.

HOODS

(2) 36" SS **Hoods With Ansul Systems,** 6' Hood With Ansul System, 12' Hood.

FOOD SERVICE EQUIPMENT

Food Warmers, 5 Burner **Bunn** Coffee Maker, 100's Of Stainless Steel Pans, Baking Sheets, Pots, Pans, **Cambro** Glasses, Tomato Wedges, FF Wedges, Tons Of China, Silverware, Dish Racks, Many Heat Lamps, Hot Fudge Disp., **Greenskeepers,** Colanders, Flour Bins, **Rubbermaid** Carts, **Bucksco** Carts-Holds Baker's Sheets, **Waitress Call System-20 Numbers,** Cash Register, Safe.

BUILDING FIXTURES- ATTENTION CONTRACTORS

Total Building, Demolition To Follow This Sale. Recess Lighting, Interior And Exterior Lighting, Ceiling Grid And Tiles, 80 Gal. Gas Hot Water Heater, Culligan Water Softener, Bathroom Fixtures And Partitions, Doors, Electric Service Panel Boxes, Brass Lights, Chandeliers, Time Clocks, Office Equipment.

FURNITURE AND DECOR

12' Hot And Cold Oak Food Bar, (32) Tables, (13) Single Back 5' Booths, (5) Double 5' Booths, (11) 24" Tables, (2) 6' Round Tables, (30) Upholstered Dining Room Chairs, 9-Seat Counter Unit, Cashier Stand With Displays, Many Wall Bench Units, (6) High Chairs, Booster Seats, Many Nice Pictures, Plants, Window Shades.

Mark Baranowski Auctioneer Specializes In Restaurant And Commercial Auctions, If You Have Equipment To Sell Please Contact Our Offices.

MARK BARANOWSKI AU 2570
(717) 657-2317
MARK YELK AU 2933
(717) 697-1490

AUCTION

SAT., FEB. 5, 1994
9:00 A.M.

REAL ESTATE, TOOLS, TRACTOR, SPRAYERS & PARTS, OFFICE EQUIPMENT, COMPLETE LIQUIDATION OF LESTER A. SINGER CO.

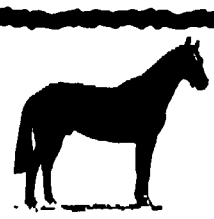
Located at 96 N. Ronks Road. Take Rt. 30 east of Lancaster, PA approximately 5 miles to Ronks Road. Turn north at Turkey Hill Market, approximately ½ mile to auction. (Watch for auction sign).

REAL ESTATE OFFERED AT 1:00 P.M.

Real estate consists of approximately 2 acres M/L with R-2 zoning. The main building has a nice 12x10 ft. office, showroom & large repair area. It is approximately 72 ft. long by 30 ft. wide with electric heaters & A/C, a full basement and an addition of a 62 ft. x 40 ft. repair shop & small office that is currently rented. Both repair shops have large overhead doors. The property has 2 wells, sewer, hot water furnace & stoker (not currently used), 3 phase electric in larger repair shop, plus a separate 34 ft. x 21 ft. storage building. This property is located in East Lampeter Township and deserves your attention.

OPEN HOUSE
MONDAY, DECEMBER 20, 1:00-4:00 P.M.
WEDNESDAY, DEC. 22, 1:00-4:00 P.M.
or phone auctioneer Gordon Ressler at 687-7402 for information.

Terms by MIRIAM B. SINGER
Lester A. Singer Co.
96 N. Ronks Road, Ronks, PA
RON FUNK AU-314-L AUCTIONEERS APPRAISERS **GORDON RESSLER AU-1575-L**
Paradise, 442-4279 **Paradise, 687-7402**
★ AUCTION SERVICE SINCE 1961 ★
WE want to be your auctioneer!
For free confidential auction estimate call:
717/442-4279 or 687-7402



8 HEAD TOP STANDARD BRED DRIVING HORSES

All Trotters
To Be Sold At Approx. 12:00 Noon
MON., DEC. 13, 1993
New Holland Sales Stables, Inc.
Horse Sale, New Holland, PA
Will be hitched at 8 A.M.
Consigned by
ELAM B. STOLTZFUS

PUBLIC AUCTION
MON., DEC. 20, 1993
2:00 P.M.

Sale held at Diffenbach's New Holland Auction Center, 100 W. Jackson St., New Holland, PA 17557.

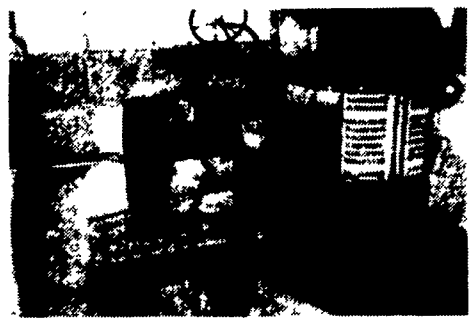
Forklifts, Mig & Portable Welders, Air Compressors, Banding Machine, New & Used Table Saws, New Metal Cutting Saw, Radial Arm Saw, Upcut Chop Saw, Pallet Jacks, Ridgid 300 Power Vise, Air & Hydraulic Jack Hammers, Air Nailers & Staplers, New & Used Air Tools, New & Used Air Motors, Shop Tables, Scaffolding, Ridgid Pipe Vise, Shovels, Brooms, Digging Irons, Vises, Lots of New Tools, Office Supplies.

Watch for Dec. 18 List For Full Listing.

Owner:
STOLTZFUS HARDWARE
A & C Diffenbach Auction Inc.
100 W. Jackson St., Box 186
New Holland, PA 17557
Phone: (717) 355-7253
Fax: (717) 355-9547
Alan Diffenbach Auct. - AU2258-L

PUBLIC AUCTION
OF PERSONAL PROPERTY
Saturday, December 18
at 1:30 P.M.

From Reading take Rt. 183 North to Fairview Rd. turn right to White Oak Rd. turn right to property. Bern Township, Berks County.



Farmall Cub tractor with plow, cultivator, mott, mower, and snow plow. Cub Cadet mower #482, Aries snow blower used one year, 69 Chevy pick up with straight shift, 69 Monte Carlo (needs work), #90 Honda trail bike, Troy built sickle bar mower, lawn dump cart, wheelbarrow, lawn broadcaster, disc harrow, grain drill with spoke wheels, Craftsman air compressor, bench grinder, fence posts, 2 Echo weed eaters, Echo chain saw, aluminum extension ladder, oak buffet, brand new Maytag washer, Ladies desk, chest type and upright freezes, Kenmore electric stove and refrigerator, Sears lifestyles treadmill, universal type weight machine like new with all attachments. Many items not mentioned.

Terms by: *MARTHA PETERS*

HFA

HORNING FARM AGENCY, INC.
ALVIN HORNING AND
MERLE EBERLY, AUCTIONEERS
(215) 286-5183

MT. ROCK FARM
CHRISTMAS COW SALE
Fri., Dec. 17, 1993
11:00 A.M.

Located south of Carlisle, Pa., off Rt. 81 at Plainfield Exit to Rt. 11, south 2 miles to Cumberland Golf Course, turn right, go 1 mile to Clay Rd., left to stop sign, left to 2nd farm on left.

100 - HOLSTEIN - 100

80 Cows (Mostly 2 & 3 yr. olds); Approx. 40 fresh or close - 40 Springing; 2 Stock Bulls - 20 Open Heifers.

Cows are Large Framed with Good Udders and Good Feet & Legs - MILKEY!!

Sires of Animals selling include - Valiant Ted, Metcalfs Matthew, Triple Crown, etc.

2 Registered Heifers due in December out of Dams with over 28,000m & 21,000m.

All Animals Vaccinated for Shipping Fever - All Heifer Calves Sell. Free Christmas Lunch for All - Door Prizes for Buyers.

BILL & CYNTHIA MCKEEHAN
Owners
235 Springview Rd.
Carlisle, Pa. 717-243-7651
Rick Foreman, Auctioneer
Lic. #AU-1163L
Henry Kettering, Pedigrees
Holiday Greetings to all our Customers & Friends

Sale Reports

ZIMMERMAN SALE

A Public Sale of real estate was held December 4 by John I. and Elizabeth H. Zimmerman, 2 miles north of Shippensburg, along Route 11 in Southampton Twp., Cumberland Co., Pa.

The 62 acre limestone dairy farm was sold for $250,000 to Simon Martin of Waynesboro, Pa. It included a 2½ story Colonial brick dwelling, 12x60 Buddy House Trailer, 2 car frame garage, 2-bar frame bank barn, 2 cement stave silos, cement block milk house and drive thru corn shed.

Nevin Z. Martin & Sons conducted the sale.

HORST CONSIGNMENT SALE

A large consignment sale of Pennsylvania German Fraktur, American Pattern glass, antique china, Majolica primitives and antique furniture was held Dec. 3 and Dec. 4 at the Horst Auction Center, west of Ephrata. There were 300 registered bidders at the sale each day. Clarence E. Spohn catalogued the sale.

Some items sold were: signed Tiffany studio lamp $7000, signed Art Nouveau figurine $1000, hand-decorated Fraktur Schein by Trevits $2800, Fraktur book plate $1700, 1811 Fraktur Taufschein $1600, watercolor by Hattie Brunner $1500, glass-blower's pipe $500, fork art printings by Ellinger $500, Queen Anne walnut candle stand $1000, Hepplewhite chest of drawers $5700, tall case clock from Northampton County $1800, painted pine bucket bench $670 and painted decorated settee $675.

Other prices were: Schoolhouse spatter plate $875, inlaid sewing box $350, Victorian-era brass piano lamp $280, hand-painted Nippon vase $190, inlaid walnut jewelry box $225, milk glass condiment set $180, slipware decorated redware plate $250, Bennington pitcher $650, "Tea Leaf" Lovester coffee pot $240, signed Majolica pitcher $250, Luster tea pot $240, Majolica dessert set $475, several Staffordshire "ABC" plates $80 to $230 each, walnut coffee grinder with pewter top $190, rye straw basket $850 and 5 oak splint baskets $80 to $300 each.

T. Glenn, Timothy G. and Thomas A. Horst were the auctioneers.

MILLER SALE

A Public Sale of antique furniture was held December 4 by Frances K. Miller and others between Oxford and Nottingham, Pa. at 6100 Old Baltimore Pike. There were 184 registered bidders at the sale.

Some prices were: Period Chippendale cherry chest of drawers $6000, Victorian secretary-desk $1000, Parkers Bros. trap shotgun $650, Victorian camel-back sofa $550, Winchester model 90 gun $380, 5 redware clay animals $210, Steiff "Zotty" teddy bear $120, maple gun rack $100, Roseville vases $90 to $105 each, and Oliver walking plow $15.

Jeffrey E. and Harry W. Whiteside were the auctioneers.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

DECEMBER

SAT. DEC. 11 - Arnold's Hog production sale - Lebanon Area Fairgrounds, Harry H. Bachman, auct.

SAT. DEC. 11 - 8:30AM, Antiques, Household Goods, Butchering Tools, Carpenter Tools, Lawn & Garden Tools, Etc. Located In The Chanceford Community Center Approx. 8 Miles Southeast Of Red Lion Off Rt. 74, Turning At The Brogue Post Office. For The Allen & Elsie Blouse Estate & Others, Fawn Grove. Sechrist Aucts.

SAT. DEC. 11 - 9AM Winross & Toy Sale. Winterstown Fire Hall, approx. 3½ mi. S. of Red Lion, PA along Rt. 24. Melvin Haines, Ralph Brenneman, Russel Wright, aucts.

SAT. DEC. 11 - 9AM Moving Auction, Hoober Equip., Inc. 1 mile N. of Middletown, DE on Rt. 301. John "JG" Green, auct.

SAT. DEC. 11 - 9AM 1+ acre real estate, household goods, antiques, riders, tillers, tools, guns. Along Maxwell Rd., Morgantown, Caernarvon Twp., Lanc. Co. From Morgantown take Rt. 23 West approx. two miles, turn left onto Maxwell Hill Rd., proceed one mile to sale on left. For Abraham M. Martin. Nevin Z. Martin & Sons, aucts.

SAT. DEC. 11 — 9AM, 4 Acres M/L Real Estate, Brick Rancher, Antiques & Household Goods. Located At 11 East Trout Run Road, Ephrata Township, Lanc. Co., Pa. (Directions: Rt. 272 North Of Ephrata, Turn East Onto Mohler Church Road At PP&L Service Center, Straight Onto East Trout Run Road.) Terms By, Henry Reitmann. Horst Aucts.

SAT. DEC. 11 - 9AM To 3PM, First Annual Toy Show. Located Bernville Fire Co., Rt. 183 12 Mi. North Of Reading.

CROP PRODUCTION SERVICES FERTILIZER EQUIPMENT & COMMERCIALLY USED REAL ESTATE AUCTION

A COMPLETE LIQUIDATION

WED., DECEMBER 15 @ 10:00 A.M.
KEYMAR, MARYLAND

LOCATION: Auction will be held at the Crop Production Services facility just off Route 194, Keymar, MD, 20 miles South of Gettysburg, PA, 6 miles South of Taneytown.

REAL ESTATE: The property consist of approx. 14 acres land zoned commercial improved with modern office building, 60' truck scale, railroad siding, large warehouse & other outbuildings. Information packet available by request.

CUSTOMER LIST WILL ALSO BE AUCTIONED!!

EQUIPMENT: (4) Trailer type tender units, Several poly tanks, 10,000 gal. horiz. steel tank, AC D17 tractor, John Blue pull type sprayer units, (7) 1000 gal. Alum. tanks, (10) Mobility & Wilmar dry fertilizer spreaders, 1985 Mobility 4x4 ldr.

TRUCKS: 1982 LN 800 Spray truck, 1973 C60 Flatbed, IH 1700 w/tender, 1977 Ford 700 Van, 1972 IH spreader truck, Ford 800 w/1000 gal. sprayer, (2) Ford 800 w/spreader bodies, 1977 Ford 9000 spray truck w/45' booms.

PLANT EQUIPMENT - MIXING & BAGGING EQUIPMENT: 30' conveyor, 4T weigh hopper w/scale head, 17' & 29' stainless steel conveyors, Air compressor, 27' Bag conveyor, 250 gal. steel fuel tank, Rotary blender w/weigh Hopper, 5T Sackett blender w/ scale (nice shape), 26' & 55' stainless steel conveyors, Clark Forklift, Fert. pumps, Bag closing system and sewing machine.

SHOP: Pressure washer; welder; torches; saws; grinders; etc.

OFFICE EQUIPMENT: Epson computer & printer; Label printer; several desks & chairs; file cabinets; calculators; safe; etc.

TERMS ON EQUIPMENT: Full payment auction day. Cash or good check.

Trout Auctioneers local representative - phone 301-663-1555.

Roy Teitsworth, Inc.
PROFESSIONAL AUCTIONEERS
SALES MANAGER & AUCTIONEERS
6502 BARBER HILL RD., GENESEO, N.Y. 14454
716-243-1563

PUBLIC AUCTION

OF FARM EQUIPMENT, CONSTRUCTION EQUIPMENT AND TOOLS

SATURDAY, DECEMBER 18, 1993
10:00 A.M.

LOCATION: Going west from Bridgeville, Del. to Federalsburg, Md. on Rt. 17 which becomes Rt. 18 west, go 4.5 miles to Atlanta, turn left on Rd. 30, go 1 mile, farm on right. Signs will be posted.

I.H. 856 diesel tractor w/duals, J.D. 2010 tractor w/wide front, M.F. 165 diesel tractor, Farmall Super A tractor w/1 row cult., I.H. 915 combine w/15' grain head & 6 row 763 corn head, D7 Caterpillar dozer w/root rake, D6 Caterpillar dozer, Case 580 backhoe w/18" & 24" bucket, 1956 Chev. dump truck, 2 axle homemade trailer, 2 wheel trailer, irrigation fuel tank trailer, Detroit diesel engine, 4 cyl. twin disc 1600 hrs., Goulds model 10JMO 6" STG 6" pump 60 hp., Johnson reduction vertical gear pump w/6" 60' pipe, Hobbs Rain reel model RR 2400L w/4" 1100' hose, 1 1/2" M10 nozzle, Wosco irrigation pipe 11 pcs. 6x40, 6 pcs. 6x20, 6 pcs. 6x20 PVC, I.H. 5-16" plows, Blanton 3 p.h. plows, McKee 6 row S-tine cult. (3 p.h.), Brillion 16' cultipacker, Brillion 15' cultipacker, I.H. 13' disc, Case 15' disc, J.D. 7000 planter w/no-til coulters, Brillion 10 shank chisel plow, Taylor-Way 15' field cult. w/Midwest level attach., 4 row cult. (3 p.h.), J.D. 17 spout grain drill, M.F. 7' scrape blade, Hardee ditch mower, 8' Gyramower 307, 15' spring tooth harrow, M.F. mower rotary hoe (3 p.h.), 4 section drag harrow, N.I. 2 row corn picker, I.H. 1150 grinder mixer, N.I. 217 manure spreader, N.I. manure spreader, Clark 200 gal. sprayer, funnel body wagons, flat bed wagon, M.F. 3 p.h. post hole digger, subsoiler, 6 auto. hog waterers, Smidley hog feeder, cattle waterer, port. air compressor, Goulds water pump, pumps, tractor tires, tires, Fairbanks & Morse scales, 24" R. Ball & Co. wood planer, lawn roller, lawn sweeper, pickup tool boxes, pipe vise, I beam pipe, I.H. power unit, 275 gal. tank, 300 gal. fuel tank, S.S. hopper, cement blocks, asst. bricks, KVA-5 generator welder, Smiths acetylene & torch outfit w/Keen welding lease (3 yrs. remaining), Craftsman drill press, Delta drill press, drill press vise, elect. hack saw, air jack, Kleer Flo parts washer, Kwikrimp hyd. hose machine, Omega power washer, Electro-Magic steam cleaner, air grease gun, band saws, Poulan chain saw, Homelite chain saws, Makita cut-off saw, saws, table saw, Craftsman radial saw, work bench, Makita drills, hyd. press, belt sander, chain hoist, chain tighteners, C-clamps, furniture wood clamps, miter box, tap & die set, cement mixer, cement finisher, parts bin, elect. meat slicer, Hobart meat grinder, steak tenderizer, lot of misc. hand tools and many other items too numerous to mention.

Mobile Home- 1:00 P.M.- 1976 Safe Way 10'x70' mobile home.

TERMS: Cash or approved check with current letter of credit from your bank.

Estate of
CLIFFORD R. MEREIDER
RD#1, Bridgeville, Delaware
Shirley Mereider, Administrator

Wilson's Auction Sales, Inc.
Dave Wilson, Auctioneer & Sales Manager
(302) 422-3454 - FAX - 422-0462
LUNCH SERVED

PUBLIC AUCTION

3 DAY - 3 LOCATIONS
TREMENDOUS BLDG. MATERIAL SALE
TUES., WED., THURS.
DEC. 14, 15, 16, 1993

@ 10 AM
Farhills NJ, Manalapan, NJ, Haverstraw NY.

Day 1 - Tues @ 10 AM - L.V. Ludlow Bldg Supplies, Rte. 202 Farhills, NJ.
Day 2 - Wed. @ 10 AM - Millhurst Business Park, Manalapan, NJ.
Day 3 - Thurs. @ 10 AM - Rte. 9W & Westside Av.

DAY 1: $280,000 INVENTORY
L.V. Ludlow Bldg. Supplies - Closing Business After 100 Yrs - Everything Must Be Sold Down To The Bare Walls.

EQUIPMENT & STORE FIXTURES: includes 2 Sanyo cash registers, Mosley safe, lge wall safe, file cabinets, scales, office desks & chairs, credenzas, a/c units, pictures, Milta #4055 copier, address-o-graph, A/C Tel Frieden #9000 postage machine, Fujitsu #6100 fax, time clock & racks, pallet jack, jig saw, table saw. **PAINT:** Minwax, Rustoleum, stains, caulks, shaker machine. **HOUSEHOLD ITEMS:** cleaners, tapes, paste, motor oil, antifreeze. **HARDWARE:** lge. qty. locks, levels, lock sets by Kwikset, 2 key machines w/blanks, Stanley pack. hardware, nails, screws & bolts. **TOOLS:** drills, chain saw, blades, fireplace screens & accessories. **PLUMBING SUPPLIES:** Kitchen & bath sterling faucets, PVC fittings, drainage pipes - 1,500 lf. **GARDEN SUPPLIES:** inc. Ortho Products, fertilizers. **ELECTRIC DEPT:** all items. **$5,800 INVENTORY POOL SUPPLIES:**

LUMBER: lge. qty - 12,800 bf #1 - 1x3, 2x6, 2x8, 2x10, 2x12, qty. dimension fir 2x6, 2x8, 2x12, mouldings - all sizes - base, cove, shell, corner, etc., banding equipment, #1 C select & Idaho #2 pine, #1x4 to 1x12 clear & common 7,600 bf - 408 pcs. plywood & T1-11, 3,000 sf ⅛ x6 + ⅛ x8 cedar beveled siding, 1,500 bf. misc hardwood, 600 lf clear stepping 5/4", 300 pcs ¼ to ¾ " AC plywood, 680 pcs hw plywood ¼ to ¾ " birch & oak, 600 pcs. sheetrock, ¼ " 5/8"x8 to 4x12, lolly columns, 2,500 lf hardwood, bird oak, maple, 240 rolls R11-R50 foil insulation. **KITCHEN CABINETS; DOORS & WINDOWS, MISCELLANEOUS:** ceiling grid, 300 bags cement & mortar mix, 28-5 gal. cans roof cement, Morgan shutter doors, glass cutter, closet cedar linings, kerosene heaters & space heaters, extension ladders, mantels, 28 self propelled Lawn Boy lawn mowers, nails/pins, pallet jack.

DAY 2: $535,000 INVENTORY: Plywood, Carpet, Wood Flooring, Marble, Ceramic & Vinyl Tile, Cabinets, Windows, Doors, 10,000 Pcs. 4'x8' & 5'x5' ¼ " to ¾ " birch plywood, lumber.

4,500 sy comm & resid carpet, 50,000 sf hardware flg., oak, teak, ash, plank & parquet, 125,000 sf porcelain, marble & granite - 12x12 to 24x24, 8 colors, 20,000 sf ceramic floor & wall tile, 400 ctns 12x12x1/8" vinyl comm., 233-6 panel wp door, birch, oak, sc-hc, bifold, 15 patio doors, 42 int. door units, 29 ph ext wood & steel door units, 125 Anderson/Eagle windows, 148,000 lf wp & oak mldg. clear casing, base, jambs, etc, 3,500 pcs. oak railing & newels, 600 pcs 2x6x8, 18,000 bf cedar, rw up, lumber, 700 pcs plywood ⅛ " to ¾ ", 1,000 pcs. luan 4x8x¼ ", 80 cedar storage sheds, 12 vanities, 35 mirror cabs, 40 faucets, 48 s/s sinks, 750 gal. int., text paint, 389 kitchen cab. sets, raised panel, oak & formica, 58,000 sf ceiling tile & grid, 15,800 sf cedar bevel T&G & shingle siding, 2,000 light fixtures, indoor/outdoor/brass/track 40,000 lbs. #1 nails, dw screws, 200 counter tops.

DAY 3: $389,000 INVENTORY: Kitchens, Complete Paint/Hardware Store, Windows, Plywood, Lumber, Doors, Ceramic, Marble, Wood Flooring, Carpet.

19,800 sf marble & granite, 38,000 sf ceramic tile, 2,600 sy carpet, lumber inc. fir, treated, wp, cedar, t&g, qty. clear 1,200 pcs. birch, oak, yp ext. plywood - ¼ " to ¾ ", 300 ctns. Armstrong ceiling tile & grid, nails, flashing, dw screws, 16,000 bf 1x3 oak flg, 30,000 sf oak & teak parquet, 80 rolls inrulation, 25,000 sf cedar siding, 95 Anderson/Eagle windows, sliding doors, french doors, 360 kitchen cabs & vanities, 325,000 lf oak, wp mldg, 400 int. ext. doors & units, leaded. **Complete $54,000 Hardware Dept. - locks, nails, paint, etc.**

TERMS: $100 refundable deposit to register. CASH OR CERTIFIED ONLY, 25% deposit day of sale. 10% Buyer's Premium.

INSPECTIONS: Mon. 12/13 9 AM to 4 PM Far Hills, NJ - Tues, 12/14 - 9 AM to 4 PM, Manalapan, NJ - Wed. 12/15 - 9 AM to 4 PM, Haverstrawn, NY.

DIRECTIONS: Far Hills, NJ - Rte. 287 North to Rte. 202 North to Far Hills. (2 miles North of 287 & 202, 206 Junction) near Badminster - MANALAPAN, NJ - NJ Turnpike Exit 8, Rte. 33 East approx. 9 miles to Millhurst Rd - make right & follow arrows. Haverstraw Exit 12 off Rt. 87 - Take Rt. 303 No. onto Rt. 9 West - 9 miles on right hand side.

Peter Costanzo Auctioneers, Inc.
908-531-6799
PA Lic #AU003142R

AUCTION

HAY AND FARM MACHINERY

To be held on the premises known as 10805-B Haugh's Church Rd., near Detour, Frederick Co., MD. From Rt. 194 South, turn right on Rt. 77 in Keymar, go approx. 5 mi. west to Haugh's Church Rd. and turn left to 1st farm lane on right. From Rt. 194 North, in New Midway turn left on Detour Rd. to Haugh's Church Rd. and turn left straight to farm lane on left.

SATURDAY, DECEMBER 18, 1993

AT 10:00 A.M.

HAY SELLING: Alfalfa; alfalfa/timothy mixed; alfalfa/timothy grass mixed; and orchard grass hay in large square and round bales. All hay has been stored under roof and will be selling in lots of 25 bales (by the bale) with choice of additional bales.

FARM MACHINERY SELLING: IHC 1086 diesel tractor w/cab; A.C. 2-20 land handler diesel tractor w/cab; N.H. 411 discbine; N.H. 716 forage wagon; Hesston 1160 hyd. swing haybine; new 16' pipe side wagon; IHC Cyclone 4 row corn planter; N.I. 3690 manure spreader; 3 pt. scraper; 3 pt. scraper box; 3 pt. rotary mower; T/A equipment trailers.

To consign your equipment, call the undersigned. Hauling available.

XMAS TREES, FIREWOOD & SELECTION CRAFTS ALSO SELLING

NOTE: Farm for sale at private treaty. Contact Jim Trout.

AGRI-FAYE PARTNERSHIP
10805-B Haugh's Church Rd.
Keymar, MD
301-898-7909

SINCE 1920

Trout Auctioneers, Inc.

15 North Court Street/Frederick, Maryland
301/663-1555
"Experience Doesn't Cost — It Pays"

FOOD AVAILABLE

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. DEC. 11 & SAT. DEC. 18 - 9AM Both Days. 2 Day Tunis Bros. Bankruptcy Auction. Located Take Kennett Square Exit Off Of Rt. #1. Go East To Kennett Square To First Light Turn Right. Next Light Turn Left. Go One Block At Next Light Turn Left. Second Place On Right. Watch For Signs. Wolgemuth Auction Service.

SAT. DEC. 11 - 9:30AM Collectibles, Household. Linglestown Firehouse. From Harrisburg, Pa., take I-81 N. to the Linglestown exit. Go to the square and turn left. Firehouse is on the left. Esther Rissinger, owner. Richard and Rich McNeal, aucts.

SAT. DEC. 11 - 9:30AM Real estate, a ntiques, collectibles, fostoria glass, furniture, Lionel train & access., arrowheads, Buddy L toy truck, Norman Rockwell Plates. 1914 Willow St. Pike, Lancaster, West Lampeter Twp., Pa. From Lanc. Rt. 222 S. approx. 2 miles. Sale on right. By Lois A. Herr. Miller & Siegrist aucts.

SAT. DEC. 11 - 9:30AM, Personal Property & Farm Equipment. Located At 5835 Edenville Rd., Chambersburg, Pa. - Follow Franklin Street Ext To Edenville Road - Turn Onto Edenville Rd. And Proceed Approx. Five (5) Miles To Sale Site (Watch For Signs). Owners, Abram & Grace Reed. Dennis D. Welker & John F. Kohler, Jr., Aucts.

SAT. DEC. 11 - 10AM Farm & Landscaping Equip. 1127 Main St., MD Rt. 161, Darlington, Harford Co., Md 21034 From US Rt. 1, 2 miles S. of dam, take MD Rt. 161 or from I-95 take Md Rt. 155 to Md Rt. 161, Parking at Darlington Vol. Fire Co. next door). William H. Amoss, auct.

SAT. DEC. 11 - 10AM Kent Brothers Machine Shop, Box 186 Rt. 414 Corning, NY. Rt. 414, 3½ miles N. of Corning on left. Contents of machine shop. Allen's Auction Service.

SAT. DEC. 11 - 10AM, Farm Machinery, Tools, Hay & Straw. Located "Neyman Farm", Mt. Olivet Rd., E. Nottingham Twp., Chester Co., Pa. From Nottingham, Pa., Take Rt. 272 S. To Jim's Market. Turn Left. Turn Right 500 Ft. Onto Media Rd. Follow ¼ Mi. To Mt. Olivet (Signs Posted). Sale By Order, Audrey W. & Louis C. Neyman. Jeffrey E. & Harry W. Whiteside, Aucts.

SAT. DEC. 11 - 10AM, Country Store Museum, Advertising Signs, Coca-Cola Collection, Old Store Fixtures, Product Displays, Tobacco Tins & Signs. Located Along Rt. 23, Between Phoenixville, Pa. & Rt. 100, Ridge Fire Co. Pavilion. Ted Maurer, Auct.

SAT. DEC. 11 - 11AM, Real Estate, Separate Mobile Home, Tractor, Vans, Riding Mower, Lots Of Scrap Iron, Household Goods. Located 1109 Millwood Road, Pequea Twp., Lanc. Co., Pa. (South Of West Willow, Near S.S. Fisher Steel Corp.). Sale By, George E. Graybill Estate. Howard Shaub, Inc. Auct.

SAT. DEC. 11 - 1PM, Valuable Real Estate. Located At RD #1 Delta, Pa. (Off Route 74 Take 851 East (York Rd.) Short Distance To Right On Watson Rd. To First Farm On Right.) Executor, J. Kerr Anderson. Gilbert & Gilbert, Aucts.

SAT. DEC. 11 - 1PM Real estate Hartleton, Pa. (Union Co.) Travel West on Rt. 45 thru Harleton, take first road to right (Pollypine Rd), auction ¼ mile on right. Mahlon Zimmerman, owner. Kenneth E. Hassinger, Neil A. Courtney, aucts.

SAT. DEC. 11 - 2PM, Real Estate. Located 30 Pilgrim Dr., Lancaster, Pa. From Millersville Rd., Rt. 741 Go East Turn Left On Wabank Rd. (Elizabeth Martin School) Go To 2nd Street Left, Pilgrim Dr. Terms By, Elizabeth J. Counts. Kreider, Kline & Good Aucts.

SUN. DEC. 12 - 9AM To 2PM, Fallston Vol. Fire Co. Toy Show. Located 2201 Carrs Mill Rd., Fallston, Md. Call 410-877-7644.

SUN. DEC. 12 - 1PM, Toy & Doll Auction. Located At Little Hap's Action Auction, Rt. 22 Marketplace (Ollies East) App. 8 Miles East Of Harrisburg (Exit 26E Off I-81) John & Tom Golden, Aucts.

MON. DEC. 13 - 12Noon, 8 Head Top Standard Bred Driving Horses. Located New Holland Sales Stables, Inc., New Holland, Pa. Consigned By Elam B. Stoltzfus.

MON. DEC. 13 - 5:30PM, Large Selection Of Winross Racing & Locals, Ertl Trucks, Hess Trucks, Tonka Trucks, Farm Toys & More. Located At Harrys Auction, 11 Graybill Rd., Leola, Pa. Lanc. Co. 8 Miles East Of Lanc. Just Off Rt. 23 (Leola). Randy Stoltzfus & Richard Harry, Aucts.

TUES. DEC. 14 - 10AM, Hardware, Tools, Locksets, Sweatshirts, Toys, Wicker, Shoes, Italian Figures & Vases. Located On Premises 1825 E. Boston Ave., Phila., Pa. Comly Aucts.

TUES. DEC. 14 - 1:30PM Beef Cow Herd. Vintage Sales Stables, Inc. 3451 E. Lincoln Hwy., Paradise, Pa. L. Robert Frame, Sr., auct.

WED. DEC. 15 - 9AM, 95 Acre Steer/Hog & Tobacco Farm, Farm Machinery & Personal Property. Located 242 Hahnstown Rd., Ephrata. From Ephrata Take Rt. 322 East Under Rt. 222 Overpass To Hahnstown Rd. Turn Left Thru Hahnstown To Farm On Left, Ephrata Township, Lanc. Co Terms By, Alvin O. & Norma N Zimmerman. Kline, Kreider & Good, Aucts

WED. DEC. 15 - 10AM, Fertilizer Equip. & Commercial Real Estate Auction. Located At The Crop Production Services Facility Just Off Route 194, Kemar, MD., 20 Miles South Of Gettysburg, Pa Roy Teitsworth, Inc., Sales Manager & Aucts.

WED DEC. 15 - 10AM, Painting Equipment & Supplies, Power Shop Tools, Office Equipment, 1984 Ford F-150 Pickup Truck w/ Racks Located 470 Lafayette St, Lanc Pa (Corner Of Lafayette St & Filbert St) Sale By, E & C Painting Contractors Howard Shaub, Inc Auct

WED DEC 15 & THURS DEC 16, Large Two Day Sale Of Farm Equipt., Etc At Our Sales Lot Located 6 Miles South Of Chambersburg, Pa, One Mile East Of Marion, Just East Off Rte 81 Along Rte 914 Owners, Jerrold & Gloria Oaks Marion Auction Service, 5174 Horst Rd., Chambersburg, Pa. 17201.

Blue Ball Auction Mart

717-354-7394

AUCTION

Friday's

December 17

AT 5 P.M.

• Antiques • Collectibles • Tools
• Toys • Food • Furniture
Plus Much More

Always Accepting Quality Consignments

East Of Lancaster Off Route 322 In Blue Ball Behind Fire Hall

Guns Sell at 7 PM

Gun List

1. Winchester Mod. 9422 22 Cal. Lever Action; 2. Winchester Mod. 1890 22 WRF Pump octagon barrel; 3. Remington Mod. UMC 22 Pump octagon barrel; Savage Mod. 170 35 REM Pump 3 X 9 Scope; 5. Browning Mod. A bolt 270 3 X 9 Scope; 6. Browning Mod. A bolt 300 MAG.; 7. Ruger Mod. M 77 358 Bolt Action; 8. Remington Mod. 760 270 Pump Action; 9. Remington Mod. 760 30/06 5 Diamond; 10. Winchester Mod. 88 284 Lever Action; 11. Winchester Mod. 94 32 WS Lever, 1921 Nickel Steel Barrel; 12. Remington Mod. 1100 LT-20 Semi auto over & under; 13. Browning Mod. Suposed 12 Ga. MAG. Belgium 1954; 14. Ithaca Mod. 37 12 Ga. Pump Vent Rib; 15. Mossberg Mod. 500 12 Ga. MAG. Pump.

Also selling: Antiques • Collectibles • Christmas Items • Toys • Food Items • Housewares • Gifts • Furniture •

Good Food by Jackie's Snackette
Comfortable Indoor seating

We are looking for good items to sell on commission, Auction 1st. & 3rd. Friday at 5 PM.

Call Auction Mart (717) 354-7394
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AU-2176 L

Indoor Seating

"HORST AUCTION CENTER"

PUBLIC SALE

FINE ANTIQUES, HOUSEHOLD GOODS, GUNS, RIDING MOWERS & TOOLS

WED., DEC. 15, 1993

At 2 P.M.

Sale to be held at the Horst Auction Center located at the corner of Rt. 322 & Durlach Rd. (Approx. 2½ miles West of Ephrata), Ephrata, Lancaster County, PA.

FURNITURE

Cherry Farm Table, (2 Drawers, Pin Top); Antique Cherry Corner Cupboard; Farm Table w/Stretcher Base; Splayed Leg One Drawer Stand; Cherry 6 Leg Table; Walnut Slant Top Desk; Curly Maple Bed w/Acorn Posts; Jelly Cupboard; Wood Chest; OAK Dresser & Washstand; Dropleaf Ext. Tables; Pressed Back Rocker; Gov. Winthrop Desk; Victorian Bed & Marble Top Dresser; Side Chair; Maple Bedroom Suite; Needlepoint & Cane Seat Chairs; Fine Sofa; Antique Bedroom Chair; Box Spring & Mattress; Filing Cabinet; Benches.

APPLIANCES

Maytag Auto. Washer & Dryer; Maytag Elec. Stove; Microwave; Air Conditioners; Color TV (25" w/Remote); Singer Sewing Machine; Electrolux; Gas Grill; Mantel Clock; Antique Floor Lights; Brass Bucket; Fine Green Agate Pail; Agate Coffeepot & Cups; Umbrella Stand.

CHINA & GLASSWARE

Queen's Rose; Green Wheat; Majolica; Late Adams; Ironstone; Maestricht Noritake; Blue Willow; Bone China; Set Of Currier & Ives China; Hall's Tea Pot; Set Of Syracuse China (Old Ivory); Fiesta; Satin Glass; Glass Baskets; Depression; Carnival Glass; Min. Kerosene Lamp; Redware.

LINENS

Antique Lone Star Quilt; Embroidered Quilt; Fancywork; Baskets; Dolls (Madame Alexander); Doll Furniture; Toy Tractor-Trailer; Old Christmas Ornaments; Frames.

GUNS

Winchester Model 50 12 Ga. 50 Cal. Muzzle Loader.

TOOLS

SNAPPER RIDING MOWER 12 H.P. Riding Mower; Snowblower; Alum. Ladder; Sprinkling Can; 10 Speed Bike; Fishing Rod; Golf Clubs.

No out of state checks unless accompanied by a current bank letter or prior arrangement with auction service.

HORST AUCTS.
AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 - (717) 738-3060
Fax # (717) 738-2132
"VOICES OF EXPERIENCE

SECURED CREDITORS AUCTION

CONSTRUCTION & LANDSCAPE EQUIPMENT
DUMP TRUCKS & TRUCK TRACTORS

SATURDAY, DECEMBER 18th, 10:00 A.M.

Flemington, New Jersey (Flemington Fairgrounds)

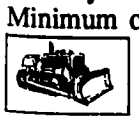
Location: Use Interstate I-78 to Clinton, Proceed Rt. 31 South, 8 Miles To the Flemington Fairgrounds. (Approx. 35 Minutes from Newark).

HILITES INCLUDE: 25 TRACTOR LOADER BACKHOES 25: (7) Case 580K 4x4, (2) Case 580K, (2) Case 580 Super E 4x4, (6) Case 580 Super E, Case 580D, Case 580C, (2) JCB 1400B, (2) JD 310B, **10 Hydraulic Excavators 10:** 1988 Case 220, (2) Case 1080B, Case 688, Case 125B, (2) 1989 Cat E120B, 1988 Koehring 6608, **20 Crawler Tractors 20:** 1988 Case 1550, Case 1150C, Case 850D, Case 850C, Case 850B, Case 450C (Long Track), Case 450C, Cat D6D LGP, (2) Cat D3, **Crawler Loaders:** Cat 955K, Case 1455B, Case 1455, Case 855D (4 in 1), Case 855C, 1988 Case 455C, **15 Rubber Tired Loaders 15:** (2) 1990 Case 621, Case W36, Case W20C, Case W18, Case W14, Cat 966, John Deere 444C, **Pavers & Paving Equipment:** (2) Amida Lite Boards, **Vibratory Rollers:** (2) 1992 Case 252, 1988 Duopac 1500, Bomag BW14-20, Raygo 45C Sheepsfoot, **Motor Graders:** John Deere 570, **Trenchers:** Ditch Witch 1420, Ditch Witch 1010, Ditch Witch 23, **Wood Chipper:** 1990 Brush Bandit 200, Woodchuck 12", **20 Air Compressors & Generators 20:** (6) 1988 Gardner Denver 190 CFM, 1990 Multi Quip 300 Amp Welder, Winco 15 KW Gen Wet, **Aggregate Equipment:** L.B. Smith Portable Screening Plant, **8 Skid Steers & Utility Tractors 8:** Gehl 4615, Case 1845C, Case 1830, Bobact 743, Bobact 643, Bobcat 631, Case 480C, **Forklifts:** Case 584D; **Rollback Trucks:** (2) GMC 9500, **Cars:** 1985 Audi, **Boom Trucks, 30 Pickup Trucks 30, 25 Dump Trucks 25:** (10) 1986 - 1976 Macks, **12 Truck Tractors 12:** 1989 International F9370, 1989 Mack MH613, 1988 Mack Superliner, 1988 Western Star 4946F, **30 Equipment Trailers 30:** 1994 Challenger 50 Ton Triaxle Detachable, 1994 Challenger 35 Ton Tandem Detachable, (12) Doolittle Tagalongs, **Dump Trailers, 2 Flowboy Trailers,** Large Quantity of **Landscape Equipment, Office Equipment:** NCR 9300 Computer System, Plus Support Equipment!!

Sale Site Phone: (908) 788-6717, Starting 12/13/93.

TERMS & CONDITIONS: "Cash or Company Check", accompanied by current "bank letter of guarantee", made payable to "Alex Lyon & Son", No Exceptions!!

Everything Sells "As Is", "Where Is", Everything Sells To The Highest Bidder Without Minimum or Reserve.



ALEX LYON & SON
SALES MANAGERS & AUCTIONEERS INC.

Syracuse, NY (Evenings) (315) 637-8912, Fax: (315) 633-8010
Bridgeport, NY (315) 633-2944, 633-2872 or 633-9544

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

WED. DEC 15 - 2PM Fine antiques, household goods, guns, riding mowers & tools. Sale to be held at the Horst Auction Center located at the corner of Rt. 322 & Durlach Rd. (approx. 2½ miles W. of Ephrata), Lanc. Co., Pa. Horst Aucts.

THURS. DEC. 16 - 9AM Cool-Lea Construction Absolute Auction, construction, masonry, welding equip, trucks, trailers, office equip, tools. Located 953 Beam Road, Brecknock Twp, Lanc. Co. From Rt. 272 or from Terre Hill take Rt. 897 to Fivepointville East onto Fivepointville Rd. ½ mile to Beam Rd. turn left to auction on left. Randal V. Kline, Lloyd Kreider, Roy Good, Jr., aucts.

THURS. DEC. 16 - 9AM EDM Machine, machining center, hyd. injection molding machines, machine tools, misc! At 262 Valley Drive, Warrington, Pa Vilsmeier, aucts.

FRI. DEC. 17 - 9AM Farm Machinery, tools & shop items. Located From Myerstown take Rt. 422 East approx. 3 mi. to traffic light. Turn left onto Wintersville Rd. Go approx. 1½ mi. to farm on lef.. Marion Twp., Berks Co. Noah Z. & Annie W. Burkholder. Randal Kline, Lloyd Kreider, Roy Good Jr aucts

FRI. DEC. 17 - 10AM 18 Antique Tractors, General Farm Equip. At the Damascus Carnival Grounds along Lewis Dr. in Damascus, Montgomery Co., Md. Trout Aucts.

FRI. DEC. 17 - 11AM PA Dairy Classic- 100 Holsteins Registered & Grade, Quality Milk. Located Intercourse, Pa. Storehurst Farm.

FRI. DEC. 17 - 11AM, Mt. Rock Farm Christmas Cow Sale. Bill & Cynthia McKeehan.

FRI. DEC. 17 - 5PM, Guns Sell At 7PM. Antiques, Collectibles, Christmas Items, Toys, Food Items, Housewares, Gifts & Furniture. Located Blue Ball Auction Mart, East Of Lancaster Off Route 322 In Blue Ball Behind Fire Hall. Bechtold & Paparo, Aucts.

SAT. DEC. 18 - 9AM Farm Machinery, 1929 Ford Model T Huckster Tk, cars, trucks, 6 tractors, personal property etc. of Elwood Sterner Bankruptcy Case. Off Rt. 30 West of York take Rt. 116 W. at Rutters towards Spring Grove, go straight through Spring Grove on 116 go approx. 6 miles to Hanover Foods Corp. Office, turn left on Grandview Dr., go less than 1 mile to Clairs Drive In turn left on Rt. #216 E., go one block turn right onto Bankert Rd. Farms on left and right. Bradley K. Smith, auct.

SAT. DEC. 18 - 9AM Complete Liquidation, Pattern Machine & Foundry Co. Trenton New Jewrsey, Corner of Third & Schenck Sts. Vilsmeier Auction Co., Inc.

SAT. DEC. 18 - 9AM, 2 Day Tunis Bros. Bankruptcy Auction. Located Take Kennett Square Exit Off Of Rt. #1. Go East To Kennett Square To First Light Turn Right. Next Light Turn Left. Go One Block At Next Light Turn Left. Second Place On Right. Watch For Signs. Wolgemuth Auction Service.

SAT. DEC. 18 - 9:30AM, 75 Acre Dairy Farm (45 Acres Tillable More Or Less). Located Chester Co., 2½ Mi. East Of Compass On Rt. 340, Turn Right On Ash Rd., Farm On Right. From Bus. Rt. 30 At Sadsburyville Hotel Go North On Old Wilmington Rd. Go Approx. 1 Mi. To Ash Rd., Turn Right To Sale. Sale By, Samuel S. & Naomi L. Fisher. John S. Stoltzfus & Ron Griest.

SAT. DEC. 18 - 10AM Construction & Landscape Equip., Dump Trucks & Truck Tractors, Flemington, New Jersey. Use Interstate I-78 to Clinton, proceed Rt. 31 S. 8 miles to the Flemington Fairgrounds, approx. 35 minutes from Newark. Alex Lyon & Son, aucts.

SAT. DEC. 18 - 10AM, Antiques, Household Goods, Oak Furniture, Tools, 11HP Riding Mower, 5HP Rototiller. Located 81 Sunset Drive, Quarryville, Lanc. Co., Pa. (Dir.: Take Rt. 222 Just South Of Quarryville. At Presbyterian Home, Turn Right Onto Sunset Drive To Sale). Sale By, J. Walter Frantz Estate. Howard Shaub, Inc. Auct.

SAT. DEC. 18 - 10AM, Cat Generator, Debarker, Sawmill, Chippack, Logging Equip., Rolling Stock. Located Heeter Lumber Co., Beavertown, Pa. John Kimbel Tri-State Auction Service.

SAT. DEC. 18 - 10AM, Hay & Farm Machinery. Located On The Premises Known As 10805-B Haugh's Church Rd., Near Detour, Frederick Co., Md. From Rt. 194 South, Turn Right On Rt. 77 In Keymar, Go Approx. 5 Mi. West To Haugh's Church Rd. And Turn Left To 1st Farm Lane On Right. From Rt. 194 North, In New Midway Turn Left On Detour Rd. To Haugh's Church Rd. And turn Left Straight To Farm Lane On Left. Agri-Faye Partnership. Trout Aucts. Inc.

SAT. DEC. 18 - 10AM, Farm Equipment, Construction Equipment & Tools. Located From Bridgeville, Del. To Federalsburg, Md. On Rt. 17 Which Becomes Rt. 18 West, Go 4.5 Miles To Atlanta, Turn Left On Rd. 30, Go 1 Mile, Farm On Right. Signs Will Be Posted. Estate Of Clifford R. Mereider. Wilson's Auction Sales, Inc.

SAT. DEC. 18 - 11AM Real estate. Located along Main St., Cambridge, 1½ miles west of Route 10, Salisbury Twp., Lanc. Co. By Abner B. and Annie L. King. Horning Farm Agency, Inc.

SAT. DEC. 18 - 1PM 37 Acre Limestone Hog Farm. Located At 1645 Weaverland Rd., East Earl Twp., Lanc. Co., Pa. From Blue Ball Take Rt. 23 East 1½ Miles, Turn Left Onto Rt. 625 North, Proceed Approx. 1 Mile To Weaverland Rd., Turn Right, Go 1½ Miles To Sale On Left. Owners, Luke H. And Edna W. Zeiset. Nevin Martin & Sons, aucts.

SAT. DEC. 18 - 1PM, Real Estate, 2½ Ac. Farmette. Located At 907 Hobart Rd., Hanover, Pa., York Co. Approx. ½ Mile North Of Md.-Pa. Line On Rt. 94, Turn East Onto Hobart Rd. (Past St. Davids Church), And Proceed Approx. 1.8 Miles To Auction On Right. Sellers, Jerry & Agnes Wheeler. Nevin E. Tasto, Auct.

WED. DEC. 22 - 2PM, Antiques, Household Goods, Collectibles & Tools. Located At The Horst Auction Center At The Corner Of Route 322 And Durlach Road (Approximately 2½ Miles West Of Ephrata), Ephrata, Lancaster Co., Pa. Horst Aucts.

MON. DEC. 27 - 9AM Manufacturing Equip, Tow Motors, Trucks, Trailers, Building Supplies. Held at Atkins Manufacturing Inc., RD #1 Jonestown, Pa. Along Rt. 22, Leb. Co. For Atkins Manufacturing, Inc. J. Omar Landis Auction Service.

MON. DEC. 27 - 4PM Sale of Winross, Hess, Ertl banks, Tonka, Structo, tractors, plus others. At Harry's Auction, 11 Graybill Rd., Leola, Pa.

FRI. DEC. 31 - 9:30AM Farm Machinery, mules. For Israel S. and Katie Smoker. Follow 472 S. from Quarryville 4.2 miles to Noble Rd. Go 2.4 miles West to King Pin Road. Follow King Pin Road S. approx. 2 miles to Oak Road and sale. Ronald E. Bard, auct.

FRI. DEC. 31 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 12, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

COOL-LEA CONSTRUCTION
ABSOLUTE AUCTION
CONSTRUCTION - MASONRY WELDING EQUIP. - TRUCKS - TRAILERS - OFFICE EQUIP. - TOOLS
THURS., DEC. 16, 1993
9 A.M.

LOCATION: 953 Beam Road, Brecknock Twp., Lancaster County. From Rt. 272 or from Terre Hill take Rt. 897 to Fivepointville East onto Fivepointville Rd. ½ mile to Beam Rd. turn left to auction on left.

TRUCKS & TRAILERS & EQUIP. — '88 F350 Ford dual wheel 1 ton truck with walk-in utility box (50,000 miles), '87 F350 Ford XLT Lariat dual wheel crew cab with toolbox cap 460 eng., '84 C35 Chev. dual wheel crew cab with utility box, triple axle 18,000 lb. trailer with ramps, Southeast twin axle 10,000 lb. trailer with ramps, 18' enclosed job trailer tandem axle, 454 Chev. engine, 2 Elec. Pac Craft 18' Aerial 2' x 6' Platform, 30' Grove gas Aerial 6' x 12' Platforms Lift, White 5,000 lb. Pneumatic tire fork lift, misc. job site gas tanks.

OFFICE EQUIPMENT — Sharp fax machine FO-700, Brother typewriter word processor, Gestetner 2002R copier, 4-drawer file cabinet, 2 office desks one with typewriter ext., 3 storage cabinets, Johnson Private Band Radio System including Base Station, tower, and 7 mobile and hand units.

CONSTRUCTION EQUIP. — 10KW generator skid mount, 3 generators 3500 Watt, elec. Rigid pipe threader, ½ " to 2", Wells Band Saw, Lincoln AC/DC 225 amp Welder, gas air compressors Honda 5 hp & elec. 12 hp, Air hose, ½ ", ¾ " & 1" impact wrenches, Paslode Air and gas nailers and staplers. Gas Lincoln, Hobart, and GE Portable 200 Amp Welders, Bosch and Makita hammer drills, Stihl gas and other cut off saws, ⅜ " and ½ " electric drills, Homelite and Stihl chain saws, Fien siding nibblers, Milwaukee and BD screw guns, 3' siding and metal roof shears, Hilti concrete guns, assorted hand wrenches, tools, sockets, hammers, shovels, rakes, Actylene cutting torches and carts, steel and woodwork benches, gas and elec. high pressure washers, 18" Hydraulic Post-hole digger for skid loader, 28' alum. plank, alum. ext. ladders, stepladders, pole jacks, alum. ladder jacks, 50' Morrison Power Screeter with hydraulic winches, 4' power trowels, Master riding power trowel, gas eng. tampers, Vibratory roller, concrete float, come-alongs and trowels, Berger Transit, Red eye laser beam transit, propane space heaters, Redi heater. misc. Igloo water coolers, new I Beams up to 30' and misc. steel, angle iron and light poles, misc. ext. cords, misc. truck fiberglass tool boxes, misc. spot lights, steel cables, misc. metal bldg. supplies and trim, bolts, screws, windows, etc., hundreds of items too numerous to list.

NOTE: Terms Cash or PA check. Everything sells for highest bid. No reserve or minimum. Auction Order—small hand tools, misc. shop items and supplies first, Trucks/Trailers and Large Equip., approx. 1:30 PM. Refreshments Available.

Terms By:

COOL-LEA CONSTRUCTION
#215-445-7549 or #814-398-2085

Auction Conducted By:
Randal V. Kline, Lloyd Kreider
Roy Good, Jr., Auctioneers
AU499L #717-733-1006

KLINE, KREIDER & GOOD
AUCTIONEERS

PUBLIC SALE
37 ACRE LIMESTONE HOG FARM
SAT., DEC. 18, 1993
1:00 P.M.

Located at 1645 Weaverland Rd., East Earl Twp., Lancaster Co., PA.

Directions: From Blue Ball take Rt. 23 East 1½ miles, turn left onto Rt. 625 North, proceed approx. 1 mile to Weaverland Rd., turn right, go 1½ miles to sale on left.

A certain tract of land consisting of 37 acres M/L with approx. 7/10 mile road frontage. Conestoga Creek frontage. Erected thereon a:

2½ STORY FRAME DWELLING

With asphalt shingle siding. Storm windows and doors. FIRST FLOOR: Large kitchen with built-in cabinets and family room combined, inlaid linoleum. Dining room with bay window, inlaid linoleum. Living room with corner cupboard, wall to wall carpet. Sewing room. Full bath. SECOND FLOOR: Four bedrooms with wall to wall carpet, one with closet. Attic storage. Exposed cemented basement and laundry. Cold cellar. Small sunporch with closet and washbowl. Deck. Porch. Oil hot water baseboard heat. Well with pressure system. Water softener. Blacktop driveway. Shade and fruit trees.

ONE BAY FRAME BANK BARN

Box stalls, cemented barn yard. Large gestation building attached to barn.

2,400 BUSHEL GRAIN STORAGE

With 50' elevator designed for portable grinder-mixer feed processing, attached to barn.

22'x67' 24 CRATE FARROWING HOUSE

With flush manure system.

38'x64' NURSERY BUILDING
100 HEAD SLATTED FLOOR FATTENING HOUSE
38'x50' FRAME TOBACCO SHED

Shop combined with dampening cellar and stripping room.

SMALL TWO STORY FRAME CHICKEN HOUSE
TWO ROUND WIRE CORN CRIBS

1,100 Bu.-1,500 Bu.

SEVERAL FEED BINS
THREE BAY FRAME-BLOCK GARAGE

NOTE: Four year old tri-county farrowing and nursery equipment are not included with real estate. Purchaser has option to buy private.

OPEN HOUSE: Saturdays, November 27 and December 4, from 1:00-4:00 p.m.

TERMS: 10% down day of sale, balance February 1, 1994.

Sale for
LUKE H. and EDNA W. ZEISET
215-445-6311
Attorney: Ed Miller
Auctioneers
Nevin Z. Martin & Sons
Not Responsible For Accidents

PUBLIC AUCTION
FARM EQUIPMENT - LAWN & GARDEN EQUIPMENT
SATURDAY, JANUARY 1, 1994
9:30 A.M.
307 MOUNTAIN ROAD, LEWISBERRY, PA.

LOCATED: 3/4 Mile north of Ski Roundtop. From York (Rt. 74 or Rt. 83) follow ski area signs, go past main entrance, travel north 3/4 mile on Mt. Airy Rd. to Mountain Rd., 1st road on right, turn right, go 1/4 mile to 1st place on right. From Hbg., Mech., or Camp Hill - Rt. 15S to 114, Bowmansdale Exit 114E (go straight at cross roads in Bowmansdale - Rt. 114 turns into Old York Rd.) Go approx. 2 3/4 mile to Mt. Pleasant, at church turn left on Mt. Airy Rd. (Ski area signs) Go approx. 2 mile to Mountain Rd., turn left to 1st place on right. "Watch for Signs".

TRACTORS

Massey Ferguson Mod. 375 ROPS, 320 hrs., 2 Spd. Remote, Ind. PTO, Diff. Lock, Power Adj. Wheels, 3 pt.; Massey Ferguson Mod. 1035 w/4 W.D., 1218 hrs., Diff. Lock, 2 Stg. Clutch, 3 pt., PTO w/Ag-Tek Loader & G.P. Bucket; I.H. McCormick Farmall Cub w/Hyd. Front & Rear Cultivators, Drawbar, 1 Btm Plow, 2 Row Corn Planter w/Side Dresser & Fertilizer; 2 D-2 Cats- Narrow Gauge, PTO & Electric Start; 3 pt. 7' Forklift w/Hyd. Pump, Simplicity Sun Star Tractor, 18 hp. Twin Cyl. Kohler Magnum - 320 hrs., Hydrastatic Drive w/48" Cut Gear Box Mower, Lawn Boy 21" Commercial Push Mower.

TILLAGE

Massey Ferguson Model #57 3-16 Rollover Plow, J.D. KBA 8' Transport Disk, Case Transport HD 8' Offset Disk w/22" Disks, 10' Wood Drag.

PLANTING

John Deere 494A Corn Planter - 4 Row Dry Fert. w/Insecticide Boxes, Skimer Xmas Tree Planter for Pocket Type Plants, Hershey 1 Row Transplanter w/Water; Ontario Grain Drill.

TRAILERS

Calico 24' Gooseneck Flat Trailer w/8' Deck Over Gooseneck, 4 Wheel Elec. Brakes, 14,000 GVW; 2 Wheel Farm Wagon, 2 Wheel Lawn Trailer, 10' Closed Snowmobile Trailer, 40' Drop Deck Van Storage Trailer.

LAWN & GARDEN

5 Hp. B & S Trac. Van Lawn Vacuum - Like New, BCS #205 Rototiller - Rear Tine, Lanspride 3 pt. 6' York Rake.

HAY EQUIPMENT

Hesston 1091 - 9' Haybine, New Holland #271 Baler w/#54 Thrower, 2 EZ Trail Kick Bale Wagons, 1 Husky Kick Bale Wagon - All 6 Ton Gear, Vicon 4 Wheel 3 pt. Hay Rake.

MANURE EQUIPMENT

Millcreek PTO Manure Spreader - Like New - 52 Bu.

FERTILIZER EQUIPMENT

Baltic 3 pt. PTO Spin Fertilizer Spreader, Gandy Fertilizer/Lime Grass Drill.

SPRAYERS

Hardy 3 pt. 52 Gal. Boom Sprayer w/Hand Gun Outlet & Roller Pump, 100 gal. Trailer Sprayer w/ Piston Pump.

MISC. & TOOLS

Lincoln 225 AC/DC Stick Welder, NAPA 2 Cyl. Air Compressor, Bench Grinder, 150 Gal. Diesel & 250 Gal. Gas Skid Tanks w/Hand Pumps, Gas Boy 110V Pump, 3 pt. Draw Bar - Top Links, Steel Desks, 2 Steel File Cabinet, Steel Work Table, Electric Garage Door Opener, Tool Box, Pick-up Tool Box, Barb Wire, Misc. Doors, Baler Twine, Log Chains, Tractor & Truck Tire Chains, Stihl 031AV & Johnsared 520SP Chain Saws, Stihl Trimmer with String & Saw Blade Attach., Echo Trimmer, Hand Sprayers, Long Handled Tools, Apple Crates, Boxes, and Box Carriers, PVC & Copper Pipe and Electrical Supplies, & Other Small Items Too Numerous to Mention.

APPROX. 200 BALES OF MIXED HAY.
TERMS: CASH OR GOOD CHECK
SELLER:
Dean R. & Penny E. Baker
432-2660

AUCTION CONDUCTED BY:
Rentzel's Auction Service
Emigsville, PA
764-6412
PA Lic. #761

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

PUBLIC SALE
OF PAINTING EQUIPMENT & SUPPLIES, POWER SHOP TOOLS, OFFICE EQUIPMENT 1984 FORD F-150 PICKUP TRUCK w/RACKS

WED., DEC. 15, 1993
At 10:00 A.M.
Loc. 470 Lafayette Street, Lancaster, PA (Corner of Lafayette St. & Filbert St.)
Food Served

Sale by
E. & C. PAINTING CONTRACTORS
Howard Shaub, Inc.
(717) 464-3541
Auctioneer (AU-000831-L)

PUBLIC AUCTION
REAL ESTATE,
21½ AC. FARMETTE
SAT., DEC. 18, 1993
1:00 P.M.

The Auction will be held at 907 Hobart Rd. Hanover, Pa., York Co. Approx. ½ mile north of Md.-Pa. line on Rt. 94, turn East onto Hobart Rd. (past St. Davids Church), and proceed approx. 1.8 miles to Auction on right.

The farm has approx. 7-acres fenced, approx. 12 acres for crops, balance w/building & orchard. The site is improved w/a beautiful 2½ story brick house, built in 1863, smoke house, 36x88 bank barn, 36x45 Morton shed & 3-bay corn crib. The house has 2-front, 1 back, & 1-basement entrances front & back porches, storm windows, large kitchen has lots of cupboards, built-in microwave, range, dishwasher, large living room w/Fisher wood stove & mantle, large dining room, full bath, & sewing room; second floor- large master bedroom w/big closet, 2-other large bedrooms w/full closets, ½-bath w/double vanity & closet, plus small room. Large attic w/wood pinned rafters. Full carpet throughout house. Oil fired hot-water baseboard heat. Full basement w/concrete floor, & cooling room. Inside of house has been completely redone with-in the past 4 years. House is equipped for generator, (which stays w/house). In the orchard, there are apple, peach, pear, cherry and english walnut trees, & blueberry bushes. 2-lots can be taken off road frontage at Hobart Rd. Present growing crops are reserved by seller. The farm is zoned agriculture, and is in the Clean-Green program, and is in the South Western School District. Land record- Book 104, Page 789.

***TERMS: Deposit of 10% of purchase price in Cash or certified check on day of sale, and balance of money and settlement in 60 days. Inspection of property, Call seller for appointment.**

Sellers,
JERRY & AGNES WHEELER
717-633-1974

Nevin E. Tasto, Auctioneer,
410-374-4067
Lisc. AU 002572 L
***A very beautiful place.**
***Two lots can be taken off of road frontage.**

JANUARY

SAT. JAN. 1 - 8:30AM, 7 Tractors, Case #450 Crawler, Farm Equipment, 300 Gal. Esco Milk Tank, 1947 Ford Car (4 Dr./8 Cyl.), 1985 Dodge 4x4 Pick-Up, 1985 Int. Flatbed Truck, Antiques, Collectibles, & Tools. Located Between Reading & Hamburg, Turn Off Rt. 61 At The Shoemakersville Traffic Light Onto Rt. 662 For ½ Mi. Turn Left Onto Dreibelbis Mill Rd. For 1½ Mi. & Right Onto Onyx Cave Rd. For ½ Mi. To First Farm On Right, Perry Twp., Berks Co., Pa. Sale For, Florence Leiby & The Late Paul H. Leiby. Kenneth P. Leiby, Auct.

SAT. JAN. 1 - 9AM, Farm Equipment, Household Goods. Location: From Ephrata Take Rt. 322 West Turn Right On Durlach Rd. To 301 Durlach Rd. Auction By, Clarence Hoover And Mrs. Paul E. Martin. Aaron E. Martin, Auct.

SAT. JAN. 1 - 9AM Antiques & Coleictible Sale. At Harry's Auction, 11 Graybill Rd., Leola, Pa.

SAT. JAN. 1 - 9:30AM Farm Equipment, Lawn & Garden Equip. 307 Mountain Rd., Lewisberry, Pa. ¼ Mile north of Ski Roundtop. From York (Rt. 74 or Rt. 83) follow ski area signs, go past main entrance, travel north ¼ mile on Mt. Airy Rd. to Mountain Rd., 1st road on right, turn right, go ¼ mile to 1st place on right. Dean R & Penny E Baker, seller. Rentzel's Auction Service.

SAT. JAN. 1 - 9:30AM, Farm Equip. & Lawn & Garden. Located 307 Mountain Rd., Lewisberry, Pa. Rentzel's Auction Service 764-6412.

MON. JAN. 3 - 6:30PM, Wholesale Furniture. Located A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa. 17557. Alan Diffenbach Auct.

WED. JAN. 5 - 11AM, (Blizzard Date Mon. Jan. 10). Complete Farm Dispersal Selling Cattle, Barn Equip., Produce & Machinery. Located South Dansville, New York. Owned By The Merle Wyant Family. Pirrung Aucts. Inc., Wayland, New York. 716-728-2520.

WED. JAN. 5 - 6:30PM, Winross & Toys. Located A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa. 17557. Alan Diffenbach Auct.

THURS. JAN. 6 - 11:30AM, 38 Head Grade Holstein Dairy Herd. Located From Carlisle Travel Rt. 74 N. To 944 Turn West Go Approx. 3 Mi. To Bobcat Rd. Turn Right & Continue To Sale. From Newville Go East On 641 To Grahms Woods Rd. Turn N. Go Approx. 5 Mi. After Crossing 944 1½ Mi. To Bobcat Rd. Turn Right To Sale Site. Owner, Robert Lichtenberger, Sr. Kevim M. Wickard, Auct.

FRI. JAN. 7 - 10AM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. JAN. 7 - 10AM Int. truck, tractors, farm equip, hay. Travel S. on Rt. 662 to Yellow House, proceed 1 mile right onto Weavertown Lane ¼ mile right onto Weavertown Rd. 1 block left on Amity Park Rd. ½ mile to farm on Right or North on Rt. 662 to Amityville left onto Weavertown Rd. proceed 1 mile left onto Amity Park Rd. to farm on right, Berks Co., Pa. Ordered by Russell & Patricia Haas. Ralph W. Zettlemoyer Auction Co., Inc.

SAT. JAN. 8, 10, 11, 12, 13 & 14 - Outstanding 6 Day Auction Of Real Estate. Located In York, Lancaster, Berks, Dauphin & Centre County, Pa. Kenneth E. Hassinger & Neil A. Courtney, Aucts.

SAT. JAN. 8 - 9AM, 2½ Story Brick Dwelling, Real Estate, Antiques, Household Goods. Located At 31-33 East Church St., Reamstown, Lanc. Co., Pa. Terms By, Jean V. Kulp Estate. Horst Aucts.

SAT. JAN. 8 - 9AM Dairy Farm, Farm Equipment, Crops, Horses. Located 12 miles southwest of the Norman Wood Bridge. One mile north of Fawn Grove. Going west turn right off route 851 at Fawn Grove Square, proceed one mile turn left onto Walnut Grove Road to Sale. One mile south of Gatchellville, along Brown Road. Fawn Twp. York Co., Pa. Owner John E. Stoltzfoos. Diffenbachs, aucts.

SAT. JAN. 8 - 10AM Consignment Sale Located at Highstown Produce Auction, Rt. 33, 2 miles east of turnpike exchange #8. Alfred's Auction Inc.

SAT. JAN. 8 - 12Noon, 5.85 Acre Farm. Located At 341 Coon Rd., Gardners, Pa. Tyrone Township, Adams Co., Midway Between Biglerville & Mt. Holly Springs In The Village Of Idaville, Turn Off Route 34 Onto Idaville-Peach Glen Rd., Then West On Coon Rd. 1 Mi. (1 Mile East Of Upper Adams Fish & Game Association). Sign Posted. Executrix, Bertha C. Gardner. Larry J. Peters, Auct.

FRI. JAN. 14 - 9AM, Farm Equip., Tractors, & Supplies. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI. JAN. 14 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. JAN. 15 - 8:30AM Antiques, comic books, antique furniture, glassware, tools. Held at Brickerville Fire Hall just off Rt. 322 W. of Ephrata in the Village of Brickerville, Pa. Lanc. Co. By Alice & John C. Weaver. Snyder's Auction Service.

EQUIPMENT AUCTION

The undersigned will sell the following at public auction at the Damascus Carnival Grounds, along Lewis Dr. in Damascus, Montgomery Co., MD on:

FRIDAY, DECEMBER 17, 1993
AT 10:00 A.M.

18 ANTIQUE TRACTORS
GENERAL FARM EQUIPMENT

ANTIQUE TRACTORS (SELLING BETWEEN 12 AND 1 P.M.): The following John Deere tractors will be selling: Models 830, 730 standard, 530, 430, 330, 320, 1925 "D Spoker", BO Linderman w/blade, BO, AN, A, AR, B, A on steel, MT electric start, 730 elec. start; J.D. H, 730 pony motor, Model G. Also IHC 300 & 350 tractors.

LAWN MOWERS: (2) model 112/46" cut; (1) 112E/46" cut; 110/38" cut; 317/46" cut; 130/30" cut; 316/46" cut; 165/38" cut; 332/50" cut; F935/60" cut; BLADES & ATTACHMENTS: (2) 43" & (2) 54" front blades; (5) 37" snow blowers; 33" rototiller; 55/60" mid deck; 72" & 50" mid deck; 5B sprayer; 272 3 pt. mower; IHC 124/44" cut Cub Cadet; 800 Wheel Horse/38" cut; ST120 Bolens/44" cut.

GENERAL EQUIPMENT: J.D. FBA grain drill; J.D. 328 baler; 666 snow blower; J.D. 503 rotary mower; IHC rear blade; RHO 10 ft. power till; J.D. bar I beam plow; 3 pt. King Cutter mower; York RE & RW stone rakes; **WOODS INCLUDING:** RB600 blade; Woods rotary Cadet 72" mower; 121 10 ft. mower; MD 172 mower; M150 mower; D80 mower; (2) CM 48 walk behind mowers; 48" 3 pt. tiller; (2) RB5 snow blades; RB 800 & 700; (2) RB7; (2) RB6; LR106 hay rake; **BRADCO INCLUDING:** (2) front blades; 605 ditcher; **J BAR INCLUDING:** (2) 2 bottom plows; (2) 6 ft. pulverizers; HUL-MAC 7600 3 pt. mower; GILL SV130 pulverizer; BRILLION ST1201 seeder; 12 ft. roller harrow; 108 roller harrow; P10 pulverizer; GIP-642 3 pt. 5 ft. seeder; HAMILTON HCM 300 gal. sprayer; (3) Danuser diggers; Richfield wood splitter; (3) grass pumps; yard chipper; M-96 spreader; 1200 spreader; (2) 5 ft. Garber spreaders & misc.

TRACTOR & TRAILER: 1959 Mack B61 w/673 engine, duplex trans., single axle, exc. cond.; 40 ft. Fruehauf drop deck trailer w/ramps.

12x60 MOBILE HOME
SELLING AT 10 A.M.

TERMS: Cash or good check on day of sale. Nothing removed until settled for. Not responsible for accidents.

GLADHILL BROS.
9913 Lewis Dr.
Damascus, MD 20872
301-253-2141
301-253-2066

SINCE 1920
Trout Auctioneers, Inc.
15 North Court Street/Frederick, Maryland
301/663-1555
"Experience Doesn't Cost — It Pays"

Food & Facilities Available

TUNIS BROS. BANKRUPTCY AUCTION

Everything Selling To Highest Bidder
SAT., DEC. 11TH AND 18TH, 1993
9:00 A.M. Both Days

Directions: Take Kennett Square Exit off of Rt. #1. Go East to Kennett Square to first light turn right. Next light turn left. Go one block at next light turn left. Second place on right. Watch for signs.

Selling Dec. 18th

Tractor and Trucks

Ford 4000 HD industrial with shuttle and loader and boom. 1964 Ford with Grove rollback winch, 1986 Chevy 1/2 ton pickup.

Mowers

Gravely 8102, 2 408 riding mowers, 3108 and 4211 Simplicity riding mowers, 1138 Gravely riding mower, 2 new Yazoo Red Riders, 2 new Simplicity mowers, 15 weed eaters, 8 push mowers, Binley lawn sweeper, new Simplicity push mowers, Simplicity grass catchers, riding mower tires and wheels, new Gravely snow plow, Gravely front mower decks, 6 LLI and 546's Gravely mowers (some for parts), Simplicity snow plows, grass catchers, lawn roller, turbo leaf blower, NEW Simplicity 350 snow blower, new Simplicity rear tiller, grass thatcher, 1 portable log splitter, new Simplicity mower deck, 30 in. rotary and sickle bar for Gravely.

Ford Tractor Parts

3500 Ford engine blocks 2 gas and 1 diesel, transmission housing, Ford tractor rims, rims, fenders, hoods, radiators, wheel weights, stirring wheels, Ford exhaust, front and rear axles, steering arm, 13.6-28 tractor tire and wheel, tractor chains.

Parts

Ford generator and starter and others, motor crank, plow shears, top links, landslides, JEEP TOOLS for 1950's, Simplicity and Gates belts, Mott mower blades, tractor chains, roller chains and links, Doorman products, mower blades, Champion spark plugs, filters for tractors, Wagner loader parts, Simplicity parts, Mott parts, Woods mower parts, weedeater parts, Gravely parts new and used LLI parts, Yazoo parts, motor parts: Kohler, Briggs-Stratton, Wisconsin, Tecumseh.

Parts Books and Shop Manuals

International, John Deere, Ford, Gravely, Simplicity, Yazoo, Lawn Boy, Wisconsin, Briggs-Stratton, Micro Fiche machine.

Shop Tools

2 Welders, (Lincoln and Miller) grease pump, bench and pedestal, 2 vises, 3 overhead chain hoists, motor lift, power hacksaw, drill press, anvil, mower blade sharpener, HYDRAULIC HOSE AND MANUFACTURING MACHINE, 25 ton hyd. press valve grinder, Craftsman metal lathe, 3 horse air compressor, hyd. tractor oil, Sk socket wrench, torque wrench, tap and dye set, shop tables, handyman jacks, impact wrench and sockets, aluminum extension ladder, chain binders chain, adjustable and pipe wrenches, open end wrenches, shop vac, wheel puller, hyd. jack, jack stand, bag wagon, high pressure washer-hot water heater, scrap iron, PTO shafts, oil drums with pumps, misc. tools for Fords.

Signs

Fully lite Ferguson sign, Briggs-Stratton clock sign, Tunis Bros., Goodrich Farm tires, Simplicity, Gravely, 50's Jeep sign. Coca-cola machine, old seed bin.

WOLGEMUTH AUCTION SERVICE #2357

DENNIS	BOB
(717) 733-8192	(717) 665-6684
(717) 664-2623	

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. JAN. 21 - 10AM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

TUES. JAN. 25 - 9AM, Quilt, Craft & Buggies. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

WED. JAN 26 - 9AM, Quilt & Craft. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI. JAN. 28 & SAT. JAN. 29 - 9AM, 8 Acres Real Estate Zoned R-3 Fine Antiques, Household Goods, Farm Equipment, Tools. Located At 24 Kurtz Road, East Cocalico Township, Lancaster Co., Pa. (Directions: Rt. 272 In Reamstown, Turn West Onto Kurtz Rd. At Wooden Spoon Restaurant). Terms By, Harry B. Gibbel Estate. Horst Aucts.

FRI. JAN. 28 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. JAN. 29 - Mules, Farm Equipment For David Lantz, Beechdale Rd., Bird-In-Hand. Harry H. Bachman, Auct.

SAT. JAN. 29 - 9AM, Farm Machinery & Some Household Articles. L. Alfred & Joan L. Weller. 11312 Johnstons Lane, Mercersburg, Pa. Franklin Co. Edgar J. Stull & J. Lester Egolf, Aucts.

SAT. JAN. 29 - 9AM, Welding & Farm Equipment Located Midway Between Strasburg & Georgetown, Lanc. Co., Pa. Along Rt 896. Owner, Aaron S. Fisher. Diffenbach's Auct

SAT. JAN. 29 - 10AM Work horses and farm equip. Located in Chester Co., 4 miles S. of Cochranville, Pa. along Homeville Rd Owner: Abner S. Stoltzfus. J. Omar Stoltzfus and Leon Kurtz, aucts

FEBRUARY

WED. FEB. 2 - 6:30PM, Winross & Toys. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI. FEB. 4 - 10AM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

MON. FEB. 7 - 6:30PM. Wholesale Furniture. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

TUES. FEB. 8 - 8:30AM, Public Sale Of Horses, Farm Equipment, And Household Goods. Located At 344 Hess Road, Leola, Pa. Sale By Ben S. Stoltzfus. Mel Hoover, Auct.

FRI. FEB. 11 - 9AM, Farm Equip., Tractors, & Supplies. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI. FEB. 11 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. FEB. 12 - Farm Machinery And Personal Property. Location: From Reading Take 222N To Village Of Kirbyville Turn Right Onto Richmond Road To Walnutstown Road, Turn Right On Farm On Right. Terms By, Mrs. Amos Martin. Kline, Kreider & Good Aucts.

SAT. FEB. 12 - 10AM, 100 Head Of Mules & Horses. Located At 2008 Horseshoe Rd., Lanc. Pa., Lanc. Silo Co. Owner Paul Smucker. Diffenbach's Auct.

MON. FEB. 14 - 10AM, Johnson Farms Complete Liquidation Of All Modern Potato Farm Machinery. Located Deerfield, New Jersey. Pirrung Aucts. Inc. Wayland, New York, 716-728-2520.

TUE. FEB. 15 - Farm Machinery. Located From Lancaster Route 222 N To Brownstown Exit Turn Right On 772 To Light, Turn Right On To 272 N To Church St. Turn Right To Metzler Road Turn Left 2nd Farm On Right. Terms By, John R. and Esther Z. Hoover. Kline, Kreider & Good, Aucts.

PUBLIC AUCTION

FARM MACHINERY TOOLS & SHOP ITEMS

FRIDAY, DEC. 17, 1993

Auction Time 9 A.M.

Location on Premises: From Myerstown take Rt. 422 East approx. 3 mi. to traffic light. Turn left onto Wintersville Rd. Go approx. 1½ mi. to farm on left. Marion Township, Berks County.

JD 4010 DIESEL WIDE FRONT (A-1 COND.)

JD 2010 TRAC. GAS NARROW FRONT w/JD #35 LOADER w/BLADE & 2 BUCKETS & 2 R. Mounted Cultivator **Bought New, 1 Owner; JD 620 w/3 PT. & 3 HYD. OUTLETS;** JD 4B 16" Semi Mtd. Plow; JD 215 12' Disc; JD 7000 4 R. Complanter w/ Monitor; JD 12' Cultimulcher; 13' Cultipacker; 9' Roller; JD 3 Pt. 12 ' Field Cultivator; JD 214T Baler; (2) 16' Flat Wagons; JD 64 Silage Blower; NI 214 3 Beater Manure Spreader; Smoker 30' Elevator; Oliver #5 Cornpicker; Brady Hay Crimper; Woods 3 Pt. Rotary Mower; Brillion Brush Chopper; 3 Pt. Blade; 3 Pt. Posthole Digger; **15KW GENERATOR;** 3 Pt. Barrel Sprayer; P.T.O. Corn Wagon w/Web; Corn Drag; Stauffer 2 Row Transplanter; Gehl PTO Hammermill; David Bradley Side Delivery Rake; 3 Pt. Airplane Propeller Fan; N.H. Sawbuck; 3 Section 15' Spike Harrow; Mayrath 30' 6" Auger (No Transport); 7' 4" Grain Auger; Set of 18.4-34 Duals (fit 4010 Trac.)' 18.4-38 Trac. Chains; Approx. 7500 Tobacco Lath; 60' Endless Belt; Gas Powered 1-Man Tobacco Hoer.

TOOLS — SMALL ITEMS

Ingersoll-Rand Air Compressor; 160 Amp Batt. Charger; Linc. 160 Amp Welder; 2 hp Bench Grinder; 4 T. Porta Power; Lg. Bench Vise; Walker 4 T. & 10 T. Floor Jacks; Mist Blower; 6" & 4" Portable Grinder; Hyd. Jacks; Rem. & Homelite Chain Saws; Elect. Chain Saw; 200 Amp Double Throw Switch Box; Assort. Elect. Motors; ⅝ " Elect. Drill w/Stand; ¾ " Socket Set; 150,000 BTU Reddy Heater; Table Saw; Lg. Assortment Bolts & Bolt Bins; Fairbanks 1000 lb. Platform Scales; Sizing Boxes; Bale Boxes; Chicken Feeders & Nests; Metal Cabinets; 6 JD 7000 Fert. Boxes; Majectic Cookstove; B&D Circular Saw; McCormick Stainless Steel Cream Separator; 4 Can Milk Cooler; Come-along; Hedge Trimmer; **7-UP CHEST COOLER;** Mitre Box; All Kinds of Assorted Hand Tools; Premium Wood/Coal Stove; 20', 30', & 40' Ext. Ladders; Stepladders; (3) 860-16.5 Truck Tires; Feed Carts; 3 Shop Fans; plus loads of small items too numerous to mention. Food stand.

Note: Reason for Auction. The Burkholders are retiring from farming and no longer have use for their farm equipment. Starting w/small items, then farm equipment. Terms are cash or good Pa. check. No out of state checks unless approved by auctioneers.

Terms by

Noah Z. & Annie W. Burkholder

717-866-4282

Auction conducted by
Randal Kline, Lloyd Kreider,
Roy Good Jr. — Auctioneers AU2116L
215-445-4309

KLINE, KREIDER, & GOOD

AUCTIONEERS

PUBLIC SALE

OF ANTIQUES - HOUSEHOLD GOODS, OAK FURNITURE, TOOLS, 11HP RIDING MOWER-5HP ROTOTILLER

SAT., DEC. 18, 1993

AT 10:00 A.M.

Loc. 81 Sunset Drive, Quarryville, Lancaster Co., PA. (Dir.: Take Rt. 222 just south of Quarryville. At Presbyterian Home, turn right onto Sunset Drive to sale.)

Sale by:

J. Walter Frantz Estate

Harry B. Yost, Esquire
Howard Shaub, Inc. (717) 464-3541
Auctioneer (AU-000831-L)
Food Served

REMINDER!!

MONTHLY TWO DAY SALE OF FARM EQUIPMENT

at our place of business located 6 miles south of Chambersburg, PA 1 mi. E. of Marion, just E. off I-81 at Marion (Exit 4) along Rt. 914.

Wednesday, December 15, 1993 - 8:30 A.M.

Lawn & Garden Tractors, misc. items.

Thursday, December 16, 1993 - 8:30 A.M.

Misc. Items, Tires, Posts, etc.

10:00 A.M. - Farm Equipment and Tractors

New 3 pt. equipment sold daily.
We accept consignments daily.
M - F 8-5 Sat. 8-1 Closed Sunday
Next Sale - Jan. 19, 20
Closed Dec. 25 & Jan. 1

Marion Auction Service
Jerrold L. Jr. & Gloria Oaks
5174 Horst Rd., Chambersburg, PA.
717-375-4700 Lic. #AH-89-L

PUBLIC AUCTION

VALUABLE 95 ACRE STEER/HOG & TOBACCO FARM

EPHRATA TOWNSHIP, LANCASTER COUNTY

FARM MACHINERY — PERSONAL PROPERTY

WEDNESDAY, DECEMBER 15

Auction Time 9 A.M. Real Estate 1 P.M.

LOCATION: 242 Hahnstown Road, Ephrata. From Ephrata take Rt. 322 East under Rt. 222 overpass to Hahnstown Rd. Turn left thru Hahnstown to farm on left. Ephrata Township, Lancaster County.

Real Estate consists of 95 Acres M/L with approx. 80 Acres tillable and approx. 7 A. woodland. 2½ Story Sandstone and frame home dated 1862. First floor: Eat-in kitchen, Living and Family Rms., Parlor, 1½ Baths, Laundry and Pantry, Master Bedroom. Second floor: 4 Bedrooms. New roof, some replacement windows, stone repointed. Well and Septic. Full Basement and Attic. **Buildings** — Frame bank barn 46'x100' with large extended loafing area with Rissler bunk feeder. 20'x75' and 12'x60' Stave Silos with Unloaders, Tobacco shed 32'x75' only 8 years old and second Tobacco barn 32'x50'. **Hog Buildings** — Farrow to finish operation with auto. feed system for fat hogs. Capacity is 80 sows and 200 head finish. Circle feed bin 9000 BU with part drying floor, Garage/Shop—block and frame 3 car. Over 1300' road frontage along Hanhstowm Road. Zoned — Agric. & RMD. Plot plan on reverse side. Real Estate offered 1 PM. Inspection By Appointment or Open House — Saturday, November 27 & December 11 at 1 to 4 PM. For farm plotting, terms, and conditions, Call Auctioneers 215-445-4309 or 717-733-1006.

NOTE: The Zimmermans have purchased a farm in another state. This is an ideal opportunity to purchase a higher productive Lancaster County Farm set up for Hogs - Steers and Tobacco. Buildings are all in very good condition and conveniently situated in middle of farmland.

Farm Machinery — Hog Equipment Personal Property

JOHN DEERE 300B TRACTOR/LOADER, BACKHOE DIESEL (EX. COND. JOHN DEERE 350-B CRAWLER/LOADER w/GENERAL PURPOSE & 7' MATERIAL BUCKETS; JD 2840 DIESEL TRACTOR w/RABBIT AND TURTLE ON BRAND NEW RUBBER; JD 7000 4 row cornplanter w/liquid fert. & insect. boxes; JD 680 tandem axle 2 beater manure spreader w/hyd. end gate; JD 680 spreader for parts; **HUSKY 2400 GAL. VACUUM MANURE TANK** (like new); JD 38 Harvestor w/ 2RN cornhead; (2) JD 214 forage wagons w/roofs on JD gears; JD 60H blower; NH Super 23 blower; MF 345 4 Bottom hyd. reset 3 pt. plow; JD 215 transport 12' disc; JD 10' cultipacker w/3' pups; JD 1209 haybine; JD 214 baler w/ #30 hyd. thrower; Brillion 4R S tine cultipacker; **WINPOWER** 12KW Generator on cart; 200 gal. field sprayer pull type w/5 HP IC engine; MF #33 17 hole grain drill; Hershey 2R transplanter; I&J 2R tobacco cultivator w/steering & shields 3 pt.; (3) flatbed wagons 2 18' & 1 16'; JD 14' grain wagon w/4' sides; DMI 300 BU gravity bin wagon on 10 Ton gear; 6' corn stalk shredder; Farmhand wheel rake; J. bar 8' heavy duty 3 pt. blade; Big Box Stainless Steel fertilizer buggy; farm trailer; 3000 GVW tandem axle snowmobile trailer; bagger for JD 420 or 318 tractor; Kubota 60" belly mower deck; horse drawn cultivator; portable grain fan.

30 Hershey farrowing crates on raised deck; 15 homemade farrowing crates on raised deck; 40 4x4 nursery pens w/wire floors; 30 sheets 5x7 No. 7 wire floor; 15 sheets 5x7 Boss hog wire floor; 13 sheets 5x7 Tenderfoot Nursery floor; 3 sheets 4x7 No. 7 floor; approx. 200' Cableway feeder w/40 down spouts; assorted sm. grain augers some w/motors; assort. fans & thermometers; 35 pcs. 28' long 3' wide painted steel; 2 wagons small items. Shuld 6 ton feed bin; Pax 4 ton feed bin; assorted lengths tel. poles.

Electrolux sweeper; oak bed; iron kettle; bookcase; end tables; 2 pc. living room suite; La-Z-Boy recliner; new kettle set; folding chairs; crib, highchair; rocking horse; elect. heater; lawn chairs; bench; 8x11 braided rug; White Mountain ice cream freezer; plus other items.

Note: Starting with wagon items, household goods, farm machinery. Terms are cash or good PA check. No out of state checks.

Terms by

Alvin O. & Norma N. Zimmerman

717-733-0660

Auction conducted by
Randal Kline, Lloyd Kreider
Roy Good Jr., Auctioneers, AU2116L
215-445-4309

KLINE, KREIDER, & GOOD

AUCTIONEERS

TOY AUCTION

MON., DEC. 13

5:30 P.M.

Located at Harry's Auction
11 Graybill Rd., Leola, PA
Lancaster County

8 miles East of Lancaster Just Off Rt. 23 (Leola)

Large selection of Winross, racing & locals; Ertl Banks; Hess Trucks; Tonka Trucks; Farm Toys & More.

Our Next Auction Will Be Monday, December 27, 4:00 PM. Featuring Many 60's Toys New In The Box. We Are Now Taking Consignments For Our January Toy Auctions.

Auctioneers:

Randy Stoltzfus	**(717) 656-8919**	**AU-1906-L**
Richard Harry	**(717) 656-2436**	**AU-2183-L**

LOVE THEM WITH MILK

"Horst Auction Center"

PUBLIC SALE

OF MARTIN'S CHAIR INC.
WINTER CLEANUP SALE
SAT., DECEMBER 18, 1993

At 9 A.M.

Sale to be held at the Horst Auction Center located at the corner of Rt. 322 & Durlach Rd. (approx. 2½ miles West of Ephrata), Ephrata, Lancaster County, PA.

NEW FURNITURE

CHERRY: Hutch Buffet, Ladderback Chairs; Ladderback Arm Chair.

OAK: Rd. Butcher Block Top, Pedestal Tables; Butcher Block Corner Tables, Butcher Block End Table, Chairs; Ladderback Chairs; Mate's Chairs; Continuous Arm Chairs; Bowback Chairs; Casual Mission Arm & Side Chairs, Pressed Back, Library Arm Chair, Child's Library Chair.

VARIOUS WOODS: Pa. House Arm Chairs And Side Chairs; Bow Windsor; Stepdown Windsor; Bowback Chairs; Swivel Mate's Chairs; Queen Anne Arm Chair; Maple Kitchen Work Area; Vienna Tables; Borkholder Arm Chairs; (3) Borkholder Side Chairs; (5) Bowback Barstools; Mate's Barstools; Children's Tables; Child's Chair; Children's Rockers; Blue Crackle Ladderback Chair; Tile Tables; Upholstered Arm Chair; Country French Chair; Maple Claw Foot Table; Stickley Style Mission Chair; Mahogany Vienna Table; Beech White Rocker; Rocker; Beech Continuous Arm Chair; Dropleaf Table; Trestle Table; Miniature Side & Arm Chairs & Stools.

TOOLS

Bolens 9000 Series Mower; Bolens 7 H.P. Riding Mower; Snowblower; Air Return System; 75 H.P. Electric Motor; Humidifier System; Duct Work; Electrical Supplies; Bag Cart; Winross Trucks.

***Auctioneer's Note: This sale offers a lg. variety of finished & unfinished furniture! Not many small items to be sold so plan on being here early.**

No Out Of State Checks Unless Accompanied By A Current Bank Letter Or Prior Arrangement With Auction Service.

Terms By
Martin's Chair, Inc.

HORST AUCTS. AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 - (717) 738-3060
Fax # (717) 738-2132
"VOICES OF EXPERIENCE

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

Public Auction

75-Acre Dairy Farm
(45 Acres Tillable More or Less)
Sat. Dec. 18, 1993

9:30 A.M.

Chester Co., 2½ Mi. East Of Compass On Rt. 340, Turn Right On Ash Rd. Farm On Right. From Bus. Rt. 30 At Sadsburyville Hotel Go North On Old Wilmington Rd. Go Approx. 1 Mi. To Ash Rd. Turn Right To Sale.

50 Stall Dairy Barn, Milk House w/700 Gal. Mueller Tank, 14'x52'x8' Deep Manure Pit, 12'x50' & 14'x50' Silos, 32'x75' Tobacco Barn w/Full Cellar And Stripping Room, 40'x70' Horse Barn, w/Over-Hang & Attached Diesel Shed.

Farm House Built In 1978, Consists Of 5 Bedrooms, 1½ Bath, Kit. & Din. Rooms Combined, Laundry Room & Full Basement.

Antiques & Collectables: Tonka, Structo, Hubley, Match Box, Hess & Ertl Trucks, Pedal Tractor, Egg Baskets, Milk Cans, Bottles, Moon & Star & Other Dishes.

Furniture: 5 Pc. Bedroom Suit, 4 Pc. Maple Bedroom Suite, 3 Pc. Modern Bookcase Bedroom Suite, Pineapple, Acorn, Cannon Ball Double Beds, Depression Dressers, Cedar Blanket Chest, Drop Leaf Tables, 2 Hutches, Empire Bureaus, Oak Breakfast Set w/ Leaf & 4 Chairs, 2-6 Drawer Treadle Sewing Machines, Ball & Claw Clover Top Stand & Other Occasional Tables & Stands, Chairs, 3 Maytag Wringer Washers And Tubs, **Starting w/ Glassware, Trucks & Toys Will Be Sold At Approx. 10:30, Furniture Following. Real Estate At 1:00. Inspection: Dec. 4 & 10, 11:00-2:00.**

Note: Farm Machinery Will Be Sold In Spring. 10% Down Day Of Sale w/ Settlement On Or Before April 1, 1994.

Sale By:
Samuel S. & Naomi L. Fisher

Attorney: Linda Kling

Auctioneers:
John S. Stoltzfus (215) 593-6680
Lic. #AU-001728-L
Ron Griest (215) 857-2149
Lic. #AU-001270-L

Food By Sandy Hill School

TUE. FEB. 15 - 9AM, Hi-Quality Holstein Hfrs., Horses, Farm Equipment. Located Along Route 772, 3 Mile West Of Intercourse, Just North Of Mascot (Resslers Mill), Lanc. Co., Pa. Owner, Omar Fisher. Diffenbach's Auct.

FRI. FEB. 18 - 10AM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

SAT. FEB. 19 - Complete Farm Machinery Dispersal Of Pen-Col Farms. Located 1 Mile E. Of Millville, Pa. Conducted By Fraley Auction Co.

SAT. FEB. 19 - Farm Machinery & Personal Property. Located 322 W. Of Blue Ball Approx. 1 Mile On The Right. Terms By, Reuben Z. & Edna M. Nolt. Kline, Kreider & Good Aucts.

SAT. FEB. 19 - 9AM, Dairy Heifers, Horses, Large Line Of Farm Equipment. Located From Rt. Waldorf, Md., Take Route 5 South To Charlotte Hall- New Market, Turn West On Rt. 236 1½ Miles To Woodburn Hill Road Left 2 Mile To Sale, St. Mary's Co. Md. Owner, Joseph S. Stoltzfus. Diffenbachs, Aucts. 225L.

THURS. FEB. 24 & FRI. FEB. 25, Beiler's Spring Auction. New, Used & Abused Farm Machinery & Antique Tractors & Parts. Located Between Lancaster And New Holland At 601 Musser School Road, Leola. Robert E. Martin & Sons, Blaine Rentzel Aucts.

FRI. FEB. 25 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. FEB. 26 - Machinery, Farm Items & Household, Etc. Owner, Robert Lichtenberger. Kevin Wickard, Auct.

SAT. FEB. 26 - 2PM Real estate, 2½ story, 4 BR home w/30x90 shop. Location: From Blue Ball Rt. 23 East approx. 2 miles turn right on Fetterville Rd. to first property on right corner of Fetterville Road and Frogtown Road. Terms by: Melvin and Vera Weaver, Marvin and Miriam Weaver. Kline, Kreider, Good aucts.

MARCH

WED. MAR. 2 - 6:30PM, Winross & Toys. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI. MAR. 4 - 10AM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

SAT. MAR. 5 - Complete Farm Dispersal, 7 Tractors, 2 Crawlers, Full Line Modern Machinery, Dairy Equipment, Etc. Located On Farm 6 Miles SE Of Lock Haven, Pa. Near Rote. Owners, Harris & Betty Weaver. Conducted By Fraley Auction Co.

SAT. MAR. 5 - 8:30AM, Bart Township Fire Co. 1st All Day Sale. Located 6 Miles SE Of Strasburg Along Route 896 In The Village Of Georgetown.

MON. MAR. 7 - 6:30PM, Wholesale Furniture. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI. MAR. 11 - 9AM, Farm Equip., Tractors, & Supplies. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan, Diffenbach Auct.

FRI. MAR. 11 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. MAR. 12 - Fraley's Auction Spring Farm Machinery Consignment Sale. Located At Our Farm 3 Miles E. Of Muncy Along Kepner Hill Road. Conducted By Fraley Auction Co.

SAT. MAR. 12 - 9AM, Early Spring Consignment Auction. Located Your Auto Auction, 7 Miles North Of The City Of Lebanon On Rt. 72, Turn Right On Jonestown Road (Old Rt. 22) Go 1/2 Mile To Auction Site On Left. Auction Conducted By: Your Auto Auction Aucts. & Nelson L. Ebersole & Roger Myers

FRI. MAR. 18 - 10AM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

SHORT NOTICE

PUBLIC SALE

FRIDAY, DECEMBER 31st

9:30 A.M.

Selling for Israel S. and Katie Smoker

Directions: Follow 472 South from Quarryville 4.2 miles to Noble Road. Go 2.4 miles West to King Pin Road. Follow King Pin Road South approx. 2 miles to Oak Road and sale.

FARM MACHINERY * * * * * MULES

Pequea manure spreader like new, Oliver 2 bottom 12" plow, McCormick 14" two-way plow, John Deere 24 disc good cond., 3 section 9' spring harrow, Black Rock field sprayer 300 gal. like new, Black Rock tobacco sprayer 55 gal. like new, New Idea single row corn picker, John Deere 4320 tractor on steel 116 HP on dyno-cam rebuilt in July 1993, (2) McCormick cultivators, (2) Brillion cultipackers, Cooper Drive farm wagon with Farm Built gears with sides, McCormick 7' sickle bar mower, McCormick No. 9 Ensilage cutter with shredder bars, New Holland #402 Crimper, Auto-turn fore-cart (Little Britain welding) John Deere #290 2 row with fertilizer and herbicide hoppers corn planter, small fore-cart, Case IH 8520 baler, new in spring 1993, Int. Harvester Co. 3 to 5 horse power with pulley speed of 300-500 RPM motor, (2) flat belts (50' & 60') Adam Leaning No. 9 wheel grader, (8) calf hutches, 2 large heifer head locks 7', 2 small heifer 7' head locks, (5) 12' metal gates, (2) slant bar gates (14' & 15') tobacco lathe (11,000) (2) Pa. type bale boxes, 635 gal. Sunset bulk tank, 4-65 lb. Westfalia milking units w/(1) extra 75 lb. milking pail, (1) 300 lb. Sputnik like new, 30 gal. hot water heater, stainless steel double tub, 5 hp air compressor, 3 hp cooling compressor, Utile vacuum pump, 1 Lister Petter 3 cyl. 28 hp diesel 1¾ "x6' line shaft with pulleys, 500 gal. air tank, 275 fuel tank, (2) meter pumps, 4 plywood feed bins, complete line of shop equipment.

6 mules and complete line of harnesses and single, double and triple trees.

Approx. 5 ton horse hay, 5 ton heifer hay and 60 ton of H.M. shelled corn, and corn silage. Two wagons of small misc. items.

Call auctioneers for information (717) 786-1146.

No out of state checks without bank letter of certification.

Terms by ISRAEL S. & KATIE SMOKER

Auction Conducted By:
Ronald E. Bard AU 002945L
Paul Snyder

PUBLIC SALE

SAT., JAN. 8th, 1994

9:00 A.M.

DAIRY FARM - FARM EQUIPMENT - CROPS - HORSES

Located 12 miles southwest of the Norman Wood Bridge. One mile north of Fawn Grove. Going west turn right off Route 851 at Fawn Grove Square, proceed one mile turn left onto Walnut Grove Road to Sale. One mile south of Gatchelville, along Brown Road. Fawn Twp. York Co., Penna.

REAL ESTATE

102 acre (more or less) Dairy and Crop Farm.

Eighty acres tillable. Balance Pasture and Woodland. Spring Fed Pond. Well. One-half tillable land contoured.

Two Dwellings - Seven room frame house, 1½ baths, slate roof. Second dwelling is a two apartment unit. Two baths, oil burning heating system, well and pressure system. Slate roof. Electric.

Fifty stanchion cow barn, with underground gravity flow pit. Box Stalls; Bull pen. Rubber mats.

Large Hay, straw and Implement storage area, on ground level second floor.

Corn Barn and implement shed; Two wire corn cribs. Bank barn with room for horses, heifers, and dry cows and storage. Metal implement Barn.

Two Concrete stave silos, 12'x65' and 18'x60' with two chutes. Milk House with 800 gallon Dari-Kool bulk tank. Free heater tank.

Lots of Road Frontage: Inspection anytime except Sunday. Real Estate Sold at 10:00 A.M.

Terms 10% Down Balance At Settlement and Possession on or Before March 1, 1994.

SAMUEL K. STOLZFOOS, Owner

Ken Covelens Atty.
Diffenbach Aucts. 717-393-4464

ALSO AT SAME TIME AND PLACE

HORSES

Eight head of Work Horses. One Pair Sorrel Horses; One pair Roan Horses; Six year old sorrel horse; Seven yr. old sorrel Mare; Two sorrel work Horses. All well broke and sound.

FARM EQUIPMENT

Farmall "460" gas tractor with expanded Metal wheels; New Holland #273 Baler with Wisconsin 2 cyl. engine; New Idea #323 corn picker with 4 cyl. Wisconsin engine; Papec 16" ensilage cutter, also one for parts; Brady 5' stalk chopper with A.C. power unit; Pequea manure spreader, just overhauled; E.S. liquid manure spreader; John Deere #999 corn planter with plateless units and fertilizer hoppers, used one season;

MCD #9 7' trailer gear mower; New Holland #401 Crimper; John Deere #640 hay rake with dolly wheel; Little Giant 32' elevator; three steel wheel wagons, 16' beds, two with Pequea gears;

White Horse 2-bottom Hyd. Plow; John Deere 2-way plow; John Deere KBA disc harrow; John Deere spring harrow; I & J 2-row cultivator with liquid fertilizer tank, double cultipacker; McD riding cultivator and one for parts; Two section rotary hoe; spike harrow; wooden roller; 200 gallon sprayer with centrifugal pump.

McD 7' grain binder; McD one-horse corn binder; Brillion 5' packer-seeder, needs work; Ontario 13 hoe grain drill with wooden wheels; two fore-trucks, one with auto-turn;

Eight sets of front gears; collars; bridles; lines; jockey sticks; 1,2,3 and 4 horse hitches; platform scales; chains; 50 gallon drums; Bale twine, etc.

CROPS CROPS CROPS CROPS

3500 bales 1,2,3 and 4th cutting mixed hay. 500 bales Corn Fodder; 70 Ton Corn Ensilage; 50 Ton Ear Corn.

Above are approximate amounts

DAIRYING EQUIPMENT - Sputnik; Four Nu-Pulse milking units; Bou-Matic milker pump; two strainers; Stainless twin tubs; 30 gallon water heater; Washer tub and parts table; medicine cabinet on wheels; Stewart Air clippers; 12V fencer; 400 gallon stainless tank used for fertilizer; 500 gallon steel tank; two ensilage carts; feed cart.

Two 2-pen calf kennels; round bale feeder; 10' metal hay rack on wood trough; etc. etc.

Most of equipment in field ready condition!

LUNCH AVAILABLE with SPECIAL Chicken Bar-B-Q and Baked Potatoes, to reduce Relative Doctor Bills.

Sale At 9:00 A.M. - Real Estate 10:00 A.M.

JOHN E. STOLTZFOOS, Owner
RD #1 Box 164, New Park, Pa.

Diffenbach's Auctioneers AU225L
717-393-4464

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

Dairy and Livestock Sales

SAT. MAR. 19 - 8:30AM, Bart Township Fire Co. 2nd Sale Building Materials. Located 6 Miles SE Of Strasburg Along Rt. 896 In The Village Of Georgetown.

SAT. MAR. 19 - 9AM, Public Sale Of Farm Equipment And Household Goods. Located At 428 Wissler Road, New Holland, Pa. Owner, Esther & Franklin N. Hoover. Mel Hoover, Auct.

THURS. MAR. 24 - 10AM, Easter Lamb Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. MAR. 25 - 9AM, Easter Rabbit, Poultry And Fowl Sale. Located At Carlisle Livestock Mkt. Inc. Exit 12 South Off I-81, Left Onto Alexander Spring Road. (717) 249-4511. Receiving 7 Until 9 AM.

FRI. MAR 25 - 12:30PM, Easter Goat And Lamb Sale. Located At Carlisle Livestock Market, Inc. Exit 12 Off I-81; Turn South Then Left Onto Alexander Spring Road. (717) 249-4511. Receiving 7 Until 11:00 AM.

SAT. MAR. 26 - 56 Acre Farm w/7 Room Sandstone Dwelling, Also Nice Line Of Antiques Etc. Located Next To Michters Distillery South Of Schaefferstown, Leb. Co. Owner, Mrs. Alvin Doster. G. Harvey Weik, Auct.

SAT. MAR. 26 - Show Burst I, 50 Registered Show Age Heifers, From Some Of The Best Breeders In NE Pa. Located At Fraley Farms, 3 Miles E. Of Muncy. Call For Consignments. Conducted By Fraley Auction Co.

TUES. MAR. 29 - 9AM, Quilt, Craft, & Buggies. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

WED. MAR. 30 - 9AM, Quilt & Craft Located A&C Diffenbach Auction Inc, 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

THURS. MAR. 31 - 10AM, Easter Lamb Sale Located New Holland Sales Stables Inc, 101 W Fulton St, New Holland, Pa. Norman Or David Kolb, Aucts.

THURS. MAR. 31 - 1:30PM, (Due To Easter Lamb & Goat Sale). State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

APRIL

MON. APR. 4 - 6:30PM, Wholesale Furniture. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

TUES. APR. 5, Farm Machinery. Directions From Williamsport Route 15N To Trout Run Exit Route 14N To Canton In Canton Take Route 414 E To East Canton To Suzuki Dealer On Left, Next Rd. Turn Right, Go To Cross Road Turn Left On Southside Road To Farm On Left, Bradford Co. Terms By, Wilcox Brothers. Kline, Kreider & Good Aucts.

WED. APR. 6 - 6:30PM, Winrocs & Toys. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI. APR. 8 - 9AM, Farm Equip., Tractors, & Supplies. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

AUCTION SALE

HARDWARE, TOOLS, LOCKSETS, SWEATSHIRTS, TOYS, WICKER, SHOES, ITALIAN FIGURES & VASES

TUESDAY, DECEMBER 14- 10 A.M.

ON PREMISES

1825 E. BOSTON AVE., PHILA., PA.

SALE FOR ACCOUNT OF UNDERWRITERS AND OTHER ACCOUNTS COMPRISING IN PART:

HARDWARE, TOOLS, LOCKSETS, GARDEN TOOLS

Kwikset Privacy Passage & Entrance Lock Sets, Dbl. Cylinder Jimmy Proof Locks, Dbl. Cylinder Dead Bolts (Some Keyed Alike), Kwikset Displays, Padlocks, Casters, Door Closers, Window Operators & Hardware, Caster Sockets, Hand Rail Brackets, Shelf Brackets, Lead Wood Screw Shields, Toggle Bolts, Hollow Wall Anchors, Full Mortise Hinges, Butt Hinges, Sanding Disc & Pads, 18 Gage Galvanized Wire, Grab Hooks, Wire or Rope Clips & Thimbles, Decorative Window Shelves, Lap Links, Tenso Dog Chain, Shelf Rest & Supports, Table Legs, Drawer Slides, Magnetic Catches, Pole Sockets, Window Vent Locks, Chain Door Guards, Cabinet Pulls & Handles, Drain & Trap Washers, Bar Latches, Ornamental Brackets, Stanley H.D. Staples, Wall Scrapers, Putty Knifes, Smoke Alarms, Chipping Hammer Bits, 3 Lb. Drilling Hammer, Masonry Hammers, 16 oz. & 28 oz. Claw Hammers, Plasterer's Hawks, Notched & Flat Trowels, Pointed Trowels, Nylon Abrasive Pads, Trim Rollers, Crow Bars, 24" Levels, Soldering Irons, 6 1/4" to 15" Carbide Tipped Saw Blades, Hand Saws, Cup Brushes, Axes & Sledge Hammers, Tool Handles, Leaf Rakes, Sickles, Hedge Clippers, Prunning Shears and Garden Tools, Spark Plug Kits, 50 Pc. Ratchet Set, Pkg. Hardware, Open & Box Wrenches, Utensil Sets, Light Bulbs, Mail Boxes, Cork Boards, Vinyl Molding, Work Gloves.

284 PR. - MEN'S "BOSTONIAN" LEATHER SHOES

COLLECTOR'S DOLLS, HAND CARVED WOODEN FIGURINES

Dynasty Collector's Dolls, Hand Carved Wooden Figures, Oriental Statues, Palace Vases, Oriental Fish Bowls, Porcelain Dolls & Figures, Oak Casks, Wine Jugs, Porcelain Banks.

SWEATSHIRTS, WICKER FURNITURE & ACCESS., TOYS

Plain & College Sweat Shirts & Pants, Hair Accessories, Lady Remington Hair Removal System, Table Top Gas Grill, Children's Wall Posters, B.O. Dolls, Toys & Games, Stuffed Animals, etc. Large Quantity of Wicker - Wicker Doll Coaches, Room Dividers, Etageres, End Tables, Foot Rests, Wall Ornaments, Pet Beds, Peacock Chairs, Stools, Hampers & Baskets, Wall Shelves, Hanging Baskets, Planters, Place Mats, Storage Chests, Picnic Baskets, Basket Sets, Bamboo Shelves & Tables, Bread & Egg Warmers, Asst. Wicker Ornaments & Chimes Canned Soda, Butane Lighters, Energizer Rabbit Ornaments, Wrapping Paper.

INSPECTION: MONDAY, DECEMBER 13 - 9 A.M.-4 P.M.
TERMS: CASH OR CERTIFIED CHECK- 25% DEPOSIT REQUIRED (MINIMUM $100.00)

ESTABLISHED IN 1834

COMLY Auctioneers

WM. F. COMLY & SON, INC.

1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500 (215) 634-0496 Fax
PA AUCTIONEERS LICENSE NO. RY000087-L

PUBLIC AUCTION

OF REAL ESTATE

Saturday, Dec. 18th

At 11:00 A.M.

Located Along Main Street Cambridge, 1 1/2 Miles West Of Route 10, Salisbury Twp., Lancaster Co.

REAL ESTATE: 2½ story frame house. First floor has kitchen, dining room, living room, laundry and bath. Second floor has 4 bedrooms. Full basement; gas heat; 28x46 cement block garage, workshop and horse stables. One acre of land, nice setting. Well and septic system.

OPEN HOUSE: Saturday, December 4th from 1:00 to 3:00 P.M.

TERMS: 10% day of sale; settlement on or before February 1, 1994.

TERMS BY:

Abner B. and Annie L. King

HFA

REALTOR MLS

HORNING FARM AGENCY, INC.
Alvin Horning AU-433-L
Morgantown, PA
(215) 286-5183

300-400 HEAD
SPECIAL HORSE SALE
WORK HORSES
MULES
DRIVING HORSES

FRIDAY, JANUARY 7, 1994

AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

Horse Sale 10:00 A.M.
Note: Tack Sale 9:00 A.M.
Wagons, Sleighs, Harness, Etc.

20 Head Work Horses.
10 Head Mules.
1 pr. 5 yr. old Gray horses, good broke.
1 pr. 6 yr. old black horses, good broke, plus top sorrel teams and singles.
1 pr. 17 hands Red Sorrel Jack Mules, 5 & 6 yrs. old.
Consigned by Ward Wright.

30 Head Work Horses consigned by Shy Tipton.

25 Head top Work Horses.
1 pr. 3 & 4 year old Grays.
1 pr. 4 yr. old Sorrels.
Plus more good teams and singles.
Consigned by Billy Drake, KY.

1 Load top Work Horses consigned by Bud Leonard.

1 Load work horses consigned by Bill Pope.

1 Load top Work Horses and 1 pr. Driving Horses
Consigned by Billy Meadows.

1 load Work Horses consigned by Earl Stoltzfus.

Driving Horses - Elam B. Stoltzfus, Christ Z. Stoltzfus, Jonas Beiler, Ben K. Stoltzfus, Reuben G. Stoltzfus, Jerome Wanner & Clayton Waterberry.
Plus Many More Work Horses

For more information call:
Norman or David Kolb- 61L
717-354-4341- Barn • Home- 717-397-5538
FAX# 717-355-0706

Next Horse Sale - Jan. 21, 1994 - 10:00 A.M.

PUBLIC SEALED - BID AUCTION
MANHEIM TOWNSHIP SCHOOL DISTRICT
SALE OF SURPLUS SCHOOL FURNITURE AND EQUIPMENT

Location: NEFF I ELEMENTARY SCHOOL.

Directions: From Lancaster, Rt. 501 North, right on Valley Road, immediate left on Duke Street, follow signs.

PREVIEW DECEMBER 15th & 16th,

7:00 A.M. - 3:00 P.M.

Sealed bids to be received December 17th, before 4:00 P.M. at District office. Bidders lists and Bid forms available at door. All items to be purchased as-is.

SCHOOL FURNITURE: Metal chairs, desks, lg. & sm. wooden chairs, wooden teachers desks, tables, library furniture, cabinets, misc. furniture.

SHOP EQUIPMENT: Yates American table saw, South Bend 9½ x24 metal lathe, metal parts washer, print shop metal cabinet.

COMPUTER HARDWARE: Monitors, printers, Apple II computers, Epson Qx10, etc.

OFFICE MACHINES: Typewriters, adding machines, mimeograph machines.

TOO MANY ITEMS TO MENTION: TV's, doctor's scale, antique dental chair, etc. kitchen mixers, S.S. kitchen cabinets/hood, driver ed simulators.

VEHICLE: 1963 4x4 Chevy pick-up (no inspection).

ENGINE: Chrysler flat head six truck engine.

QUESTIONS: call (717) 569-8231 Ext. 3085.

COMPLETE AUCTIONEERING SERVICE

DEVELOPER RETIRING

Outstanding 6 Day Auction of Real Estate

Auction Dates January 8, 10, 11, 12, 13, & 14, 1994

Located in York, Lancaster, Berks, Dauphin, and Centre County, PA.

York County

"Emig Mill Village"
32 single family lots
1 new 2 bedroom split level home

"Quail Hollow"
4 newly constructed townhomes
38 approved townhome pads
1 single family lot

"Sherman Oaks"
185 lot single family subdivision
Fully approved
12 single family frontage lots

Berks County

"Mill Spring Meadows"
69 lots fully approved single family subdivision
1-2- Story single family residence

Dauphin County

"The Woods at St. Thomas"
5 single family lots fully improved

Lancaster County

A 220± acre premium mixed use development site. Master sketch planning complete. Zoned commercial/High density Residential/Low density Residential/Townhouse Subdivision/Agricultural.

Lancaster City - *"Emerald Valley"*
138 approved apartment pads Excellent neighborhood
8 fully approved and improved townhome pads

Centre County

"State College"
5,000 Sq. Ft. of office/residence located on 1.9 acres

"Broker Participation"
Welcomed on all properties
For Brochure contact Auctioneers

KENNETH E. HASSINGER
R.R. 02, Box 985
McClure, PA 17841
(717) 658-3536
AU-001532-L

PENNSYLVANIA AUCTIONEERS ASSOCIATION

NEIL A. COURTNEY
R.D.#1, Box 239
Richfield, PA 17086
(717) 539-8791
AU-002651-L

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

FRI. APR. 8 - 7PM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

SAT. APR. 9, 7 Beef Cows, 2 Bulls, Farm Equipment, Carpenter Tools, Etc. Located 450 Yeakley Rd., Just Off Hilltop Rd. North Of Myerstown, Leb. Co. Owner, Woodrow H. Yeakley. G. Harvey Welk, Auct.

FRI. APR. 15 - 1:30PM, (This Change Is Due To Good Friday). State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. APR. 16 - Peiffer Hill Consignment Sale of Lawn & Garden Equipment & Tractors. Located Church St. thru Reamstown to Red Run Rd. Turn Left to Steffy Rd. Turn Left to Auction on Left. Kline, Kreider, Good, Aucts.

FRI. APR. 22 - 7PM, Feeder Cattle. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

SAT. APR. 23 - 10AM, Spring Tractor Sale. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

THURS. APR. 28 - 10AM, Lamb Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. APR. 29 - 1:30PM, (This Change Is Due To Good Friday). State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. APR. 30 - 9:30AM, Ringo Hill Farm Equipment Auction. Located Burtville (Potter Co.) Penna. William Weierbach Family. Pirrung Auctioneers, Inc., Wayland, New York, 716-728-2520.

MAY

SAT. MAY 7 - 10AM, Heifer Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. MAY 13 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI. MAY 13 - 7PM, Feeder Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. MAY 20 - 7PM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. MAY 27 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

JUNE

SAT. JUNE 4 - 10AM, Reg. Heifer Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. JUNE 10 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI. JUNE 10 - 7PM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. JUNE 24 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

JULY

WED. JULY 1 - 7PM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

Dairy and Livestock Sales

Green Dragon Livestock Sales

Located 1 Mi. N. On North State St., Ephrata

Sale Every Friday

11:00 A.M. Beef

7:00 P.M. Small Animal Sale.

200-300 Stocker & Feeders Every Friday. Regular Shippers Of Northern Cattle.

WALTER H. RISSER,
Prop.
Home 717-838-4318
Office 717-733-2444

PUBLIC AUCTION

BEEF COW HERD

TUES., DEC. 14, 1993

At 1:30 PM

To Be Sold At:

Vintage Sales Stables, Inc.
3451 E. Lincoln Hwy., Paradise, PA

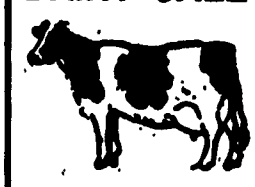
Selling 58 Head of Angus, Charolais & Crossbreed. Bred back May, June, July of 1993. Large cows, good quality.

For More Information Contact
L. Robert Frame, Sr.
717-442-4181 (Office)
215-458-8518 (Home)

PIGS

STATE GRADED SALE
Pseudorabies Free
FRI., DECEMBER 17, 1993
1:30 P.M.
WESTMINSTER LIVESTOCK AUCTION
Westminster, MD
Sales every 1st & 3rd Friday
Phone (410) 848-9820

DAIRY SALE



WED. EVENING
DEC. 15TH
7:30 PM
FOUR STATES LIVESTOCK SALES
Hagerstown, MD
Phone 301-733-8120

100 HOLSTEINS REGISTERED & GRADE

CATTLE EXCHANGE STONEHURST FARM

QUALITY MILK

FRIDAY, DECEMBER 17, 11 AM

Intercourse, PA

Exciting fresh cows milking up to 130 lbs/day! Records on dams exceeding 32,000 lbs. milk & 1200 fat! No culls! An exciting selection!

***** MILK! QUALITY! SPRINGERS! SERVICE SIRES! CALVES! MILK! *****

The buys will be here! More over 100 lbs/day than you will find anywhere!

* A Fancy Fresh Blackstar sells with 3 excellent dams! Dam is EX-90-DOM with 30,330M 3.9% 1173F. Grdam is EX-90 with 28,760M 4.1% 1168F, 3 rd dam is EX-90 with 30,210M 1071F & 4th dam is VG-A8 with 34,440M 1386F! Consigned by James Evans & She is Good!!!
* Marlin Hoff Sends a very special group of 9 young fresh cows! A Gabriel sells fresh 11/13 after making 2-0 303D 19,650M 3.4% 675F! Dam has 24,210M 3.8% 925F! A GP-82 Valiant Ted dtr. sells fresh 11/20 with 1-11 362D 22,870M 3.8% 977F 3.3% 750P! Grdam is Ex-90 with 32,490M 1026F! A VG-85 Valiant Victor dtr sells fresh 11/15 after making 3-02 322D 20,850M 4.1% 847F! Almost all milking 100 lbs/day!!
* Kisslings are sending 5 exciting fresh cows including an Aerostar with a PTA +60P! A Leadman sells due sale day from a GP-83 dam with 1-10 17,199M 3.8% 656F 3.5% 603P & Grdam is Ex-90 with 36,578M 3.4% 1255F! A Pontiac dtr with 2-00 365D 22,641M 710F sells due sale day! Dam is VG with 27,860M 3.8% 1058F! The 100 lb/day kind!!
* Lovdal Farms sends a fresh Southwind Dtr! Dam is GP-82 with 22,570M & grdam VG with 839F! Also a big fresh Maraton 2 yr. old from a 20,000 lb. dam!
* A Chief Mark dtr sells fresh 11/9 with a PTA +1389M +41F +36P! Her dam is VG-85 with 22,400M 3.5% 782F & a mat. sister to Blackstar! Grdam is Wayne Hay EX-90-GMD with 25,110M 3.6% 902F!! Bud Debnam
* William Kepler is sending 11 fancy bred heifers all due in December & January! Dams with records exceeding 24,000 lbs.! A Flashy set of heifers sired by Mark, Starbuck, Beautician, Calypso & More!
* Schultz Bros. are sending 4 outstanding 2nd calf fresh cows! Expect them to be milking 100 lbs/day! The right kind!
* Willard Brubacker sends 4 fresh 2 yr. olds including 2 Tong dtrs & a fresh Wister! High production & good udders!
* Fraleys are sending 5 fresh or heavy springing 1st calf heifers! A Leadman, Marathon, Vanguard from a 21,500lb. Dam & Grdam is EX-90 with 26,500M & a Delegate!
* Matt Welk is sending an Awesome delegate dtr due 1/14 to Inspiration!
* A Starbuck dtr sells fresh from a VG-85 Inspiration dam with 20,000M & grdam is 3E-90 with 25,900M 900F!
* A Counselor that will show sells fresh from an EX-90 24,000 lb. Dam with 1100F! Grdam is EX-90 with 32,000M 1245F!
* A Fresh Leadman sells from a VG-85 Starbuck with 19,600M 800 F & next 3 dams are excellent with records to 30,000M 1178F!
* A Fancy Red Jubilant dtr. sells due January! Dam is VG-85!
* A Fresh Winken Dtr sells with PTA +66F +53P! Dam is VG-87 with 29,300M 4.4% 1281F & A Contract cow with red factor! Grdam is 2E-90 with 24,210M 841F!
* A Russelldale Promise dtr. sells springing to Starbuck after making 2-08 17,234M 4.5% 774F 3.7% 637P! Dam is VG-86 with 30,810M 903F!
* A VG-85 Laban Dtr sells springing to Oscar after making 17,444M 4.0% 692F! Dam has 151,000LT!

A VERY SPECIAL SERVICE AGE SIRE!

* Blossomelle Farms sends a Blackstar son born 10/92 from a VG-88 dam with 32,030M 3.8% 1210F! Grdam is 2E-90 with 27,000M! Ready to Go!

* Cattle are tested for interstate shipment & inoculated against shipping fever! * Lunch available

* Long distance trucking available.

*Sale held at the Ben K. Stoltzfus Farm. 1st farm east of Intercourse, PA on Rt. 340. Lancaster Co. Amish in need of a ride may contact Don Welk below. ** Door Prizes will be given away! Christmas specials!

We Wish Everyone A Happy Holiday Season And A Prosperous New Year!
If You Are Thinking About A Sale, Need To Reduce Your Herd Numbers Or Are In Need Of Quality Cattle, Give Us A Call. We Are Always Here To Help!

Stonehurst Farm
1841 Lime Valley Road
Strasburg, PA 17579
Telephone: Don Welk- 717/687-7478
FAX 717/687-6824

The Cattle Exchange
Dave Rama RD 2 Box 79 Delhi, NY 13753
Ph: 607/746-2226 Fax 607/746-2911

PUBLIC AUCTION

OF FARM MACHINERY, 1929 FORD MODEL T HUCKSTER TK, CARS, TRUCKS, 6 TRACTORS, PERSONAL PROPERTY, ETC. OF

Elwood Sterner Bankruptcy Case #1-93-01423, Ruth Sterner & Dorothy M. Sterner Est.

SAT. DEC. 18th, 1993 AT 9:00 A.M.

LOCATED: Off Rt. #30 West of York take Rt. #116 West at Rutters towards Spring Grove, go straight through Spring Grove on 116 go approx. 6 miles to Hanover Foods Corp. Office. Turn left on Grandview Dr., go less than 1 mile at Claire Drive in turn left on Rt. #216 East, go one block turn right onto Bankert Rd. Farms on left and right, signs posted.

The following will be sold absolute to the highest bidder.

1929 Ford Model T Huckster truck was running, 6 tractors- IH-1066 turbo w/f. end, IH-856 w/f diesel, IH-806 diesel t/f, IH-806 diesel w/f, IH-560, IH-856 w/f, IH-McCormick Deering 1½ HP hit & miss Engine SS#AW98686, IH #540 4 bottom semi mount plow, IH fast hitch 4 & 5 bottom plows, IH 4 bottom pull type plow, IH Cub w/belly mower, IH #45 Vibra Shank Harrow, Papec model 86 grinder mixer, Century plastic tank sprayer, 2 wheel box fertilizer spreader pull type, fast hitch transport chisel plow, Case model #32 Backhoe, Brillion 10 ft. cultimulcher #pwmt-124-03, 3 pt. scraper blade, Oliver 62T grain bin wagon, IH grain drill used for seeding only, IH #450 cycle bar mower, 3 pt. Lily hay rack, old pull type mower, IH #46 kick baler, 30 ft. & 20 ft. elevators, small hay elevator, Lincoln #225 welder, several lawn mowers, old John Deere tractor Model D on steel average condition, Oliver #540 4 row corn planter, NH #S-12 Hydrostatic riding mower, long 5 ft. rotary mower, Ford whispering tree chipper w/Ford industrial motor used very little, IH #816 mower conditioner, Beretta 5th wheel, JD spin spreader, 1975 IH Fleetstar tractor, 1985 Cadillac Sedan Deville, 1977 GMC utility tk, 1984 Olds Cutlass cruiser s/w 68,509 miles, 1974 IH straight tk, 1976 GMC tractor truck needs windows etc.- 290 motor w/blower, 5 hp large air compressor, hoist on wheels, meat saw, meat grinder, Toledo high speed mixer plus lots of iron type equipment etc., around the farms.

NOTE... We will be selling items at both farms, they are just across the road from each other. Inspection of the items are encouraged on Friday, Dec. 17th From 9:00 a.m. until 4:00 p.m. and auction staff will be on hand that day for questions. Most of the equipment was used just before 1989 and then parked, equipment may not be in running condition at auction, so check it out you will be buying it as you see it with no guarantees of any kind. All items will be sold and you may have several days to remove it. Be on time the auction will move fast.

TERMS OF PAYMENT WITH NO EXCEPTIONS: NO OUT OF STATE CHECKS, Full payment auction day by CASH or CERTIFIED FUNDS. CASHIERS CHECK, PA CHECKS ONLY W/BANK Letter of Credit guaranteeing payment addressed to us auction day. All funds payable to Attorney Lawrence V. Young. If we feel need be, we reserve the right to keep purchase until check clears. Be prepared for the terms saving us and you time and problems. There is a lot to sell. Seller and auctioneers not responsible for accidents.

Auctioneer Ph: 717-927-6949
Bradley K. Smith, Lic. #AU860-L

NOTE.. If auction is cancelled due to weather it will be held January 1, 9:00 a.m.

Lunch Wagon Served

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. JULY 8 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI. JULY 22 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

AUGUST

FRI. AUG. 5 - 7PM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. AUG. 12 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI. AUG. 26 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SEPTEMBER

FRI. SEPT. 2 - 7PM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. SEPT. 9 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI. SEPT. 23 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. SEPT. 24 - 10AM, Heifer Sale Reg. & Grade Hols. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. SEPT. 30 - 7PM, Feeder Cattle. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

OCTOBER

FRI. OCT. 7 - 7PM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. OCT. 14 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI. OCT. 14 - 7PM, Feeder Cattle. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

WED. OCT. 26 - 11AM, Sale. Judging 9AM. Annual Dairy Show & Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. OCT. 28 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

NOVEMBER

FRI. NOV. 4 - 7PM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. NOV. 11 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI. NOV. 25 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI. NOV. 25 - 7PM, Special Feeder. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

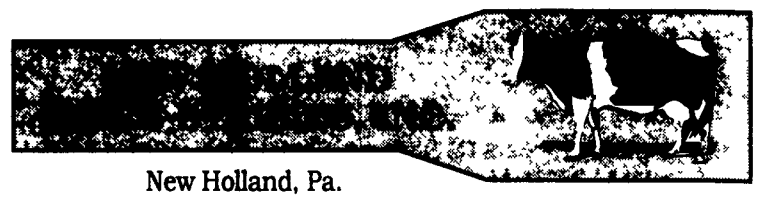
NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

Dairy and Livestock Sales



New Holland, Pa.
Located 12 Miles East of Lancaster, just off Rt. 23

WEDNESDAY, DEC. 15, 1993
HEIFERS & BULLS 11:00 A.M.
MILK COWS 12:00 NOON

2 HERD DISPERSALS — 35 COWS DAVID LANTZ — 43 COWS ROY & MARY JANE DILLER

2 REG. JERSEY BULLS (Ready for Service)
1 has 3 generations V.G. (Dam's 2 yr. 15,178 5% 536Pro.)
Sires line Lester, Sooner, Duncan.

Regular run of local springing heifers and yearling heifers, all ages.

Service age Mark Son. His Troy Dam over 34,000 1211F and 1117P.
Next 2 Dams over 28,000M and 1000F.

TWO COMPLETE HERD DISPERSALS

Herd #1 David Lantz, Bird-In-Hand, PA
35 Cows, 17 Bred and Open Heifers • Cows in all stages of lactation. Milk Wts. and Pregnancy checks will be announced sale day. Represented by Stone Hurst Farms.

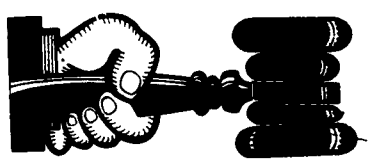
Herd #2 Roy and Mary Jane Diller, Franklin County.
43 Milk Cows, 12 Springing heifers, 12 yearlings. This is a good sound herd of cows and heifers with a lot of potential. AI Sired and Bred for 43 years. Good young animals with pleasing udders. About ½ of herd are 2 & 3 year olds that have freshened late summer and fall. Calfhood vacc. and all necessary shipping shots.
Both herds will be pregnancy checked at Sale Barn.

MARVIN ESHLEMAN - 1 load of Bradford County Fresh Cows including several Registered Cows with good type and production records.

10 FRESH 2 YEAR OLD JERSEYS including 2 Reg.
1 Sired by Boomer Sooner consigned by Collison Dairy Farm.

Sales Managed By
New Holland Sales Stables, Inc.
Norman & David Kolb, Mgrs. 61L
717-397-5538

C.W. SHIRK
Licensed & Bonded
Professional Auction Service
* Dairy Dispersals
* Real Estate
* Farm Equip. & HH Goods
Ephrata, PA
717-656-8793



AUCTIONEER'S DIRECTORY

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RANDAL V. KLINE, AUCTIONEER-REALTOR, 717-733-1006
LLOYD H. KREIDER, AUCTIONEER, 717-786-3394
ROY E. GOOD, JR., AUCTIONEER, 215-445-4309

ROGERS COMMUNITY AUCTION INC.
Located 8 Miles East Of Lisbon, Ohio Or One Mile West Of Rogers, Ohio On St. Rt. 154.
FRIDAYS
Produce, Egg, Miscellaneous Auction Starts At 6 P.M.
Poultry Auctions Start At 6 P.M.
Doors Open At 7:30 A.M.
To Accept Consignments
Open Air Market All Day And Evening
Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaries And 30,000 Sq. Ft. Under Roof.
WEDNESDAYS
Farm Machinery Consignment Auction
The 1ST WEDNESDAY EVENING OF EACH MONTH at 4 P.M. sharp.
We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simultaneously.

Hay And Straw Grain
EVERY WEDNESDAY
selling truck
load lots by the bale or ton starting at 1 P.M.
Barn Opens at 8 A.M. to Consign
Jim and Ken Baer
Auctioneers and Managers
Phone (216) 227-3233 or (216) 227-3236
"Sales Every Week Since 1955"

AE MARTIN AUCTION SERVICE
Aaron Professional AUCTIONEERING
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Aaron E. Martin
410 W. Church Rd., Ephrata, PA.
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Auctioneer:
Steve
Steve Jr. **Petersheim:**
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SEASON'S TREATINGS
REAL

CONSIGNMENT HORSE SALE
SPECIAL DRAFT HORSES & MULES
WELL MATCHED TEAMS
LOADS OF STANDARDBRED DRIVING HORSES
Also
RIDING & SLAUGHTER HORSES

SATURDAY, DECEMBER 18, 1993
10:00 A.M. Sharp
Tack To Be Sold At 8:30 A.M.
DUE TO CHRISTMAS HOLIDAY
Keister's Middleburg Auction Sales, Inc. Rt. 555 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.
For information call: 717-922-1490 or 717-837-2222 or 717-523-0360

Keister's Middleburg Auction Sales, Inc.
Rt. 522 R.D. 3 Middleburg, PA
Owners,
DON & WALT KEISTER
Ray Long & Dave Imes, Auctioneers
Terms: Cash **Trucking Available** **Restaurant Open**

MELVIN KOLB, INC.

SPECIAL CHRISTMAS SALE

200 - QUALITY HOLSTEINS - 200

THURSDAY, DEC. 16, 1993

11:00 A.M.

FOR EVERYONE THAT BUYS A COW!

Free Christmas Dinner Starting to Serve at 10:00 A.M.

LOCATION: **At my Maryland farm located ½ mile Northwest of Woodsboro, Route 550 in Frederick County.**

MILK - QUALITY - TYPE

200 of the finest cattle were selected for this special sale. Top Purebreds and grades from Canada, New England States, New York and Up-State PA. Purebred cows and heifers - some classified, many with outstanding pedigrees. Grades - large, well uddered cows and heifers with lots of dairy character. Cows milking to 100 lbs. Heifers 70-80 lbs. This is an extremely nice group of cattle. 1 Extra Special load from Up-State New York. 2 Loads of Fancy Fresh 1st. and 2nd. Grade heifers from Canada.

SAMPLE OF COWS SELLING

* A CLEITUS Dtr. due 12/20 to JACKPOT 3 yrs. 297d 23,470 3.5 821, Dam 90 pts. G.M.D. 6-05 365d 34,369 4.1 1419 3.2 1084, next dam 88 pts. 305d 24,760 3.7 907, Maternal Brother at Sire Power, Full sister over 30,000 lbs.
* A First Calf Heifer fresh 2 weeks - over 70 lbs. HILL-WINDS GENETECIST, Dam R&W 26,440 4.1 1093 3.6 951.
* A QUIETCOVE-PEG JET PRYOR-ET Dtr. due to CAMAND ISLAND BOVA GLOW, Dam 305d 25,825 3.9 1005.
* A ZONNEVELD GLAMOUR BELL Dtr. due to BOVA GLOW, Dam 289d 22,226 3.4 764.
* A 3 yr. TOWNSON LINDY Dtr., looks like it could go EX due to HANOVER HILL FAME.
* A GP BRIDON ASTRO JET Dtr. due to ALANGROVE BLACK BANDIT 305d 20,214 4.0% test, Dam GP ASTRONAUT Dtr. 19,214 3.7 test, 2nd Dam GP ROCKMAN.
* A Fancy REYNOLD CORSAIRE Dtr. due to PAYTON.
* AN APPLENOTCH VALIANT CALYPSO Dtr. due to BELL HILTON.
* A 3 yr. BRIDON ASTRO JET Dtr., Dam GP 26,563 825.
* A HANOVER-HILL INSPIRATION Dtr. due to LINCOLN, Dam GP 20,307 4.0 818.
* A SELLING ROCKMAN Dtr. due to GILLETTE CHRISTIAN, Dam 2 yrs. 15,099 4.4 666.
* Service Age Bull - OSDEL-ENDEAVOR BOVA CUBBY Son, Dam 2 yrs. 24,262 786, next dam VG 2 yrs. 23,430 4.5 1056.
* Several Good Heifer Calves.
* Many more not in this ad - full pedigrees will be in Sale Catalog.

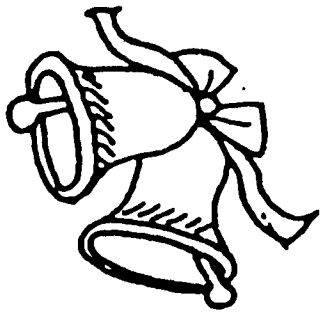
DAIRYMEN: Come out Thursday morning and bring the family. A Special Christmas Dinner will be served starting at 10:00. Also a Free Turkey for everyone that buys a COW or CALF. An Extra special group of cattle for an extra special sale.

The KOLB Organization would like to thank everyone for their patronage throughout the past year and wish you the merriest of Christmas's and a healthy and prosperous New Year!

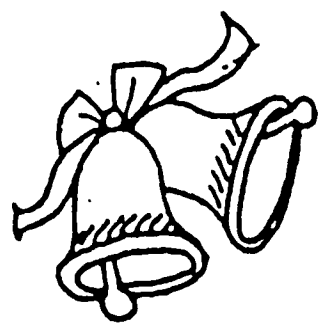
FREE TRANSPORTATION FOR LANCASTER CO. AMISH
Please call: (717) 569-2106 or 569-6800
before noon on Wed. Dec. 15, 1993

Sale Managers: **Tom & Mel Kolb**
Auctioneer: **Robert C. Mullendore (AU-000644-L)**
Pedigrees: **Henry Kettering**

MD Farm
11342 Creagerstown Rd.
Woodsboro, MD 21798
(301) 898-7663 or 898-7720
Mel Kolb Res. (717) 393-7459



Merry Christmas



During this season, we rejoice and give thanks to you for your support throughout the year. We wish you and your family a blessed holiday and hope that you will be filled with the magical light of Christmas.

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16.9-30	6 Ply	239.00
18.4-30	6 Ply	310.00
18.4-34	6 Ply	330.00
18.4-38	6 Ply	365.00
18.4-38	8 Ply	395.00

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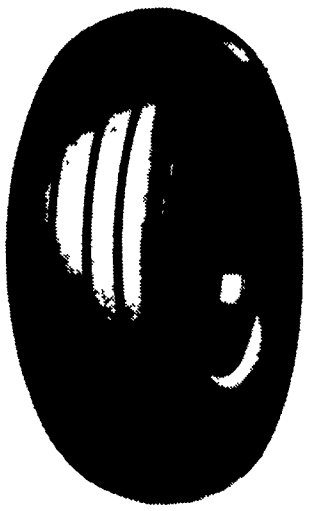
- **Revolutionary 3-lug per pitch design improves traction and ride.**
- **Computer designed "natural" shape casing improves tire body life**
- **Radial Construction Provides Better Traction, Lower Fuel And Overall Costs**

Size	Price
18.4R38 ★	525.00
20.8R38 ★	687.00
18.4R42 ★ ★	682.00

FARM UTILITY WAGON TIRES

Size	Ply	Price
95L14	8 Ply TT	51.00
760L15	6 Ply TT	49.00
95L15	8 Ply TT	50.00
11L15	8 Ply TT	54.00
12.5L15	8 Ply TT	65.00



FRONT TRACTOR TIRES 4 RIB

Size	Ply	Price
95L15	8 Ply TT	80.00
11L15	8 Ply TT	88.20
750-16	6 Ply TT	84.00
1000-16	8 Ply TT	95.00
1100-16	8 Ply TT	104.00

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For industrial tractor front wheels

The Laborer is a rugged, hard-working tire. It offers traction for tough industrial service with no sacrifice in steerability. The cord body is 3-T nylon cord for stamina and bruise resistance.

Size	Ply	Price
11L15	8 Ply TL	93.00
11L15	10 Ply TL	109.00
11L16	10 Ply TL	113.00
11L16	14 Ply TL	129.00

INDUSTRIAL SURE GRIP REAR BACKHOE TIRES

Wide sturdy lugs

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Size	Ply	Price
140-24	6 Ply TL	310.00
160-28	8 Ply TL	326.00
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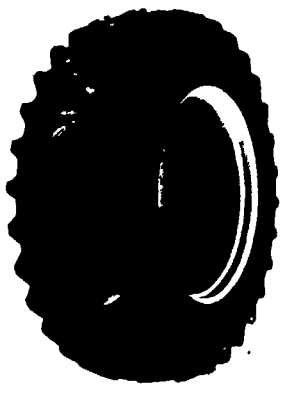
- High-strength polyester cord body, and heavy duty rim shield protects tire from damage

Size	Price
11.2-24 4 Ply	$149.00
13.6-28 4 Ply	$182.00
15.5-38 6 Ply	$295.00
18.4-34 6 Ply	$385.00
18.4-38 6 Ply	$415.00
18.4-38 8 Ply	$455.00
20.8-38 8 Ply	$599.00

POWER MARK L/S RADIAL II

Radial Rear Tractor Tire



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- Unique longbar/shortbar tread design with increaed lug count for excellent roadability
- Continuous no splice tread improves tire uniformity and eliminates open tread splices
- Belt package gives excellent bruise and puncture resis-tance
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- Heavy duty trash shield for extra bead area protection with pry notch
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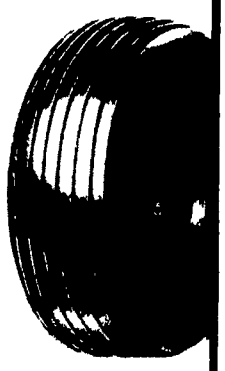
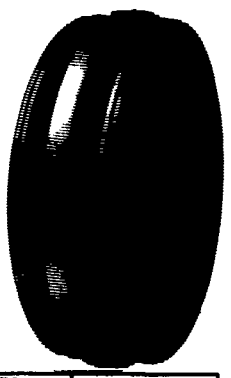
Size	PRICE
15.5R38 ★	$349.00
18.4R34 ★	$429.00
18.4R38 ★	$499.00
20.8R38 ★	$639.00
18.4R42 ★ ★	$639.00

FARM UTILITY WAGON TIRES



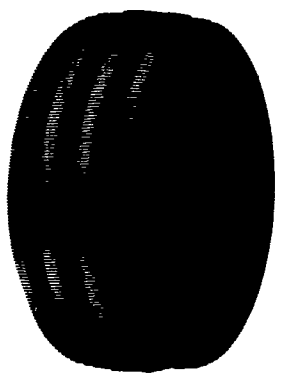
Size	Ply	Price
9.5L-14	8 Ply	$44.00
9.5L-15	8 Ply	$44.00
11L-15	8 Ply	$46.00
12L-15	8 Ply	$62.00
12L-15	14 Ply	$89.00

FRONT TRACTOR 3-RIB

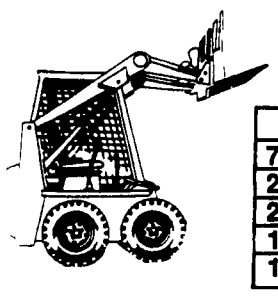


Size	Ply	Price
5.00-15	4 Ply	$27.00
6.00-16	4 Ply	$35.00
6.00-16	6 Ply	$39.00
6.50-16	6 Ply	$46.00
7.50-16	6 Ply	$59.00
10.00-16	8 Ply	$85.00

POWER GLIDE 4 Rib



Size	Ply	Price
9.5L-15	6 Ply	$75.00
11L-15	8 Ply	$98.00
7.50-16	6 Ply	$69.00
10.00-16	8 Ply	$89.00
11.00-16	8 Ply	$109.00



SKID LOADER TIRES

Size	Ply	Price
7.00x15	6 Ply	$ 63.00
27x8.50-15	4 Ply	$ 63.00
27x10.50-15	6 Ply	$ 79.00
10x16.5	6 Ply	$ 75.00
12x16.5	8 Ply	$102.00

INDUSTRIAL R4

Size	Ply	Price
14.9-24	8 Ply TT	$249.00
17.5L-24	8 Ply TT	$249.00
16.9-24	8 Ply TT	$259.00
16.9-28	8 Ply TT	$320.00

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Beef Briefs

by
John Comerford

Penn State Beef Specialist

THE CALVING KIT

For many cattle breeders, the calving season will begin in a few short weeks.

This is the the most profitable time a manager can spend with the cows. It is usually tough enough to make money in the cow-calf enterprise, but more profits are probably lost during calving than at any other time.

The "calving kit" is an assembly of tools that will make calving a little easier and a little more profitable. Here is a list of the contents of the kit:

• Ear tags and tagger. Identification of cattle in the herd is a cornerstone of making genetic improvements. There is no better time to start the identification of the herd than when the calf hits the ground. After all, they are a lot easier to catch than they will be a few days later.

• Castration tools. A summary of a recent graded feeder calf sale in Pennsylvania indicated that bulls were valued at about $14/cwt less than steers at the same sale. That resulted in bull calves being worth about $60 less per head. It is simply unreasonable to allow a $60 loss per head for a management practice as simple as castration. The best time to cut a bull calf, and all male calves in a commercial herd should be cut, is when they are as young as possible. My own experience has been that the best time to do the job is when you find them after they are born. The reduction in stress and bleeding is considerable when compared to waiting until the calves are older. Our research with dairy-beef calves has shown these calves should be cut on the second day after arrival in the barn for best results. Always use a knife to castrate. Rubber bands are the scourge of the beef industry in Pennsylvania, and they contribute to lower value in feeder calves because even the best "banders" will miss about 5 percent of the calves.

• An implant gun and implants. There will be about an $8 return for each $1 invested in growth promoting implants, and the time to start using them is when the calf is born. There are two implants currently labeled for the newborn calf: Ralgro (Pittman, Moore Agricultural Products) and Synovex C (Syntex, Inc.)

• Obstetrical chains. If you are in the cow business, you will sooner or later have to pull a calf. A good set of OB chains are the best tool to have for this purpose. Be sure to keep them clean! There are available in many mail order equipment and vaccine catalogs.

• A thermos. I heard a sheep breeder tell me the best thing to use to warm up a cold lamb was whiskey. If you really consider the value of whiskey compared to some good strong, warm tea, the best thing to do is probably give the tea to the calf and drink the whiskey yourself. Nothing will do any good, though, until the calf is dry.

• Colostrum. Have some frozen colostrum in the freezer for the calf that does not nurse well for the first 24 hours. Do not warm up the colostrum in the microwave — use warm water and let it warm up slowly. We are still learning a lot about the effects of colostrum in the newborn calf. Some recent research here at Penn State has shown that it not only is important in developing early immunity in the calf, but may also serve an important function in male fertility at maturity. Drench the newborn with about a quart if it came from a beef cow, but feed 2 to 3 quarts if it came from a high-producing dairy cow. If you get some from your dairyman neighbor, ask for colostrum from his lowest-producing cow (it's more concentrated.)

• A record book. Carry a pocket-sized record book to record birth information, including the date, the dam, the birth weight, and other incidental information. This kind of data will be helpful to review your breeding program, the bulls that were used, and your nutritional program.

A warm pickup and a good alarm clock also come in handy.

Beef Expo Symposium Set

The Pennsylvania Beef Expo Cattleman's Symposium is set for April 8, 1994 at the Farm Show Complex in Harrisburg.

Registration material will be available soon. The topics for this year's meeting and concurrent sessions include handling the newly-arrived feeder calf, pasture management (back from last year by popular demand), and the nutrient management issue for Pennsylvania beef producers.

We have some fine speakers lined up for the program, including Rep. Sheila Miller; Dr. Sam Baringer, West Virginia University; and Dr. Steve Loerch, Ohio State University.

The Beef Expo should be a fine opportunity to get "caught up" on these topics and visit with producers from around the state, so plan to be with us.

Engineering Student Wins Scholarship

NEWARK, Del. — University of Delaware agricultural engineering technology major Benjamin C. Postles has been awarded the 1993-1994 freshman Southern States Scholarship.

According to the College of Agricultural Sciences associate dean for instruction R. Dean Shippy, Postles was selected on the basis of his academic record at Milford High School and his activities in 4-H. Postles' family operates a 280-acre grain and poultry farm in Milford.

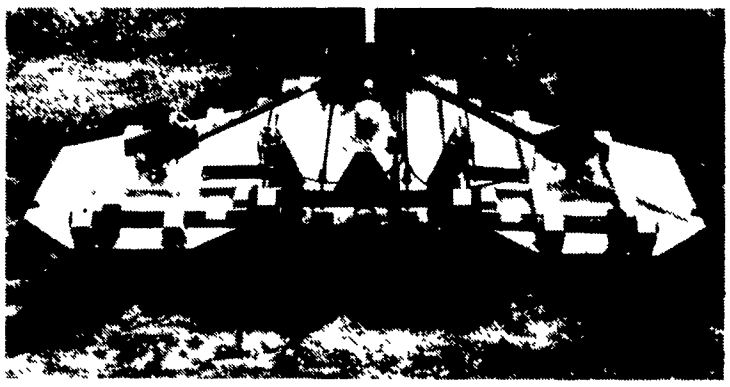
The $800 scholarship goes annually to a Delaware resident in his or her first year in the college. Based on the student's academic record, it's renewable at $600 per year for the sophomore, junior, and senior years. Preference is given to students who come from an agricultural background.

Sophomore Lori J. Unruh of Townsend, junior Rebecca A. O'Day of Seaford, and senior Jared C. Adkins of Laurel received renewals for 1993-1994.

The scholarship is sponsored by Southern States Cooperative, Inc.

LAND PRIDE

15' ROTARY CUTTER



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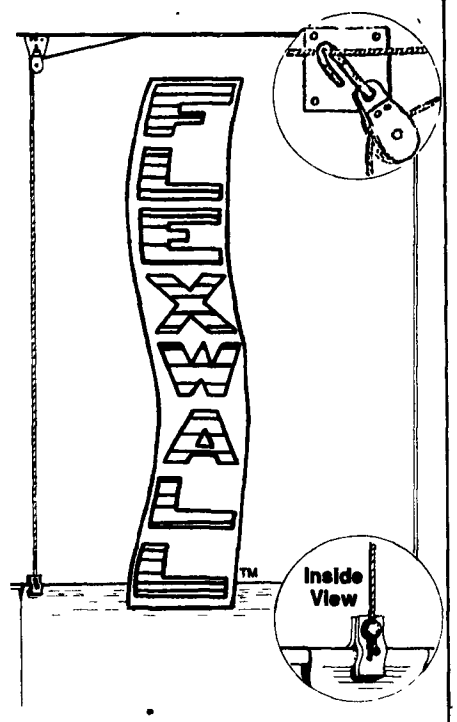

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MAXIMIZE YOUR POULTRY'S WEIGHT GAIN!

Dr. Michael Hulet, Ph.D.
Associate Professor
Poultry Science

Weight gain (weight of bird divided by days of age) is a way of determining how fast your birds are growing.

Fall is the ideal time for the growth of poultry. In fact, for most growers, the time required for commercial poultry flocks to reach market weight is decreased or the time required is the same and the mean body weight is increased.

Why? Have you ever considered the factors that maximize growth? Are they factors that a producer can control, or are they simply related to the season?

Let's look at some major environmental factors to see how they change with the season and how their changes affect performance.

If I were to list the critical production factors affected by seasonal changes they would be 1) ventilation, 2) temperature, and 3) environmental challenge.

Ventilation is the most critical element of production for maintaining weight gain. The elements of ventilation involve air direction, air speed, and air exchange. During the summertime, air is typically directed toward the birds in order to reduce the effects of high temperature. With no means of cooling other than with air velocity and fogging systems, summer ventilation is used strictly for temperature control.

On the other hand, during the wintertime, ventilation controls minimize air flow. This practice tends to allow air quality to become borderline for air freshness, with increased ammonia, and in some instances, dust. All these effects are deleterious for optimum performance.

The wintertime situation is usually accentuated by the producer's desires for economical production — that is, if air flow is reduced, less heat is required. However, a poorly ventilated house increases ammonia and dust, causes respiratory distress, increases the possibility of a disease challenge, and holds unwanted moisture inside.

Common complaints during the winter are wet litter and ceiling condensation in the houses. This practice is penny-wise and pound-foolish. We should be willing to use some gas and run fans when needed to provide adequate ventilation in our houses.

Houses that have curtain sides and no exhaust fans cannot be adequately ventilated during the winter months. It is almost impossible for producers that depend on natural ventilation to maintain temperature without reducing or restricting air exchange.

This strategy makes air quality poor and reduces growth, performance, and flock uniformity. This is especially true for flocks of tom turkeys or heavy broilers that have a tendency to develop respiratory problems. Many producers have recognized the inadequacies of natural ventilation systems during the winter and are trying some combination of curtains and air inlet vents to increase air exchange and moisture removal while maintaining temperature.

I'm not advocating constantly running fans during the winter without regard to temperature, but maintaining minimum ventilation to control ammonia and dust. Appropriate fan running time and running a sufficient number of fans to promote good air speed, direction, and volume are essential.

If you can obtain a static pressure of 0.08 or 0.10 inches of water column with one fan, that is terrific. If it takes two, then these fans need to be synchronized to run at the same time or be allowed to operate on one timer control.

During wintertime, static pressure is used to produce adequate air velocity to allow mixing in the house. Proper direction of air volume, at the velocity that would allow air to reach the middle of the house, mix with ambient air and pick up moisture from the litter, and then remove ammonia and dust from the house is what is desired to promote growth by optimizing the birds' environment.

The next critical factor for optimizing weight gain is temperature. As you noticed, maintaining proper temperature is inextricably associated with ventilation.

Brooding temperature for poultry is usually set at 88 to 90 degrees F for the first day. This may however, be adjusted due to the size and quality of the chick. Baby chicks and poults lack the ability to maintain their own body temperature for the first 10 days. This means that the temperature during this critical age must be maintained carefully to avoid large fluctuations (2-3 degrees F). Temperature should be gradually reduced and correlated with increases in ventilation rate to allow for adequate air flow, removal of carbon dioxide and moisture, and early stimulation of appetite.

Maintenance of too high brooding temperatures and too low ventilation rates (increased carbon dioxide) causes dopey and lethargic birds that don't start or gain as fast. Room temperatures should gradually be reduced to reach between 68 to 70 degrees F by the fifth week of age.

Fall is clearly an ideal time to drop temperature to comfort levels and maintain them by minimal use of heater and adequate ventilation rates. Although temperatures of 68 to 70 degrees F have been shown to maximize growth for turkey hens and broilers, temperatures as low as 55 degrees F have been shown to be commercially efficient for turkey males more than 14 weeks of age.

The lower temperature stimulates feed consumption and increased air flow associated with the lower temperatures lowers mortality. With the combination of proper temperature and adequate ventilation, litter moisture should be maintained at between 25 and

(Turn to Page C4)

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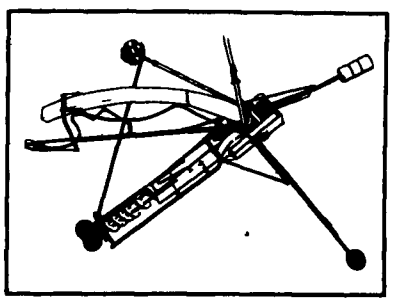

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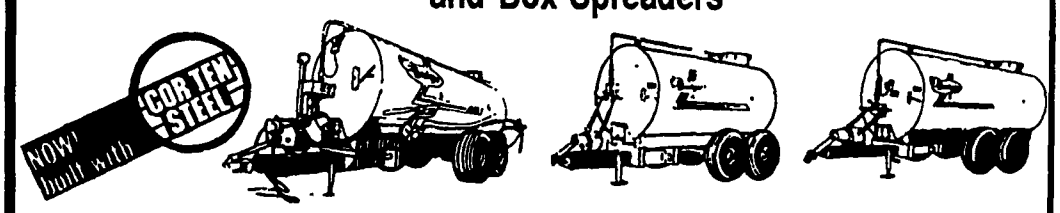

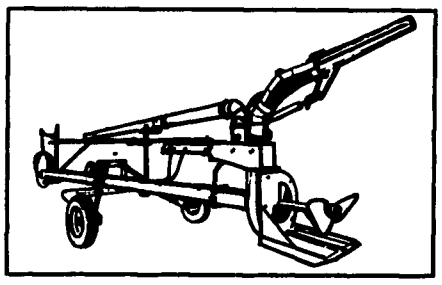

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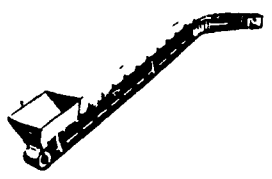

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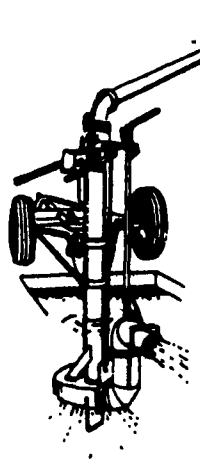

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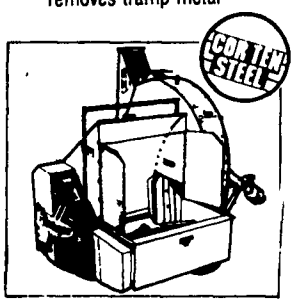

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Don't Allow Firewood Gathering To Turn Into Tragedy

HUNTINGDON (Huntingdon Co.) — Many people will go to the woods this fall to saw firewood and several may be injured or killed in chain saw accidents, said an expert in Penn State's College of Agricultural Sciences.

"Trained, professional chain saw operators use proper personal protective equipment, well-maintained modern chain saws and appropriate safety procedures to keep themselves and their coworkers at minimum risk of accident or injury," said Lee Stover, research assistant in the School of Forest Resources.

Stover, who teaches chain saw safety, said that people who use chain saws infrequently can be at a high risk of incurring a chain saw-related accident. "Occasional users are much less likely to have a well-maintained saw and personal protective equipment. They probably have not had safety training and lack the skills needed to reduce chain saw hazards.

"One of my biggest concerns is that occasional users may not recognize the hazards in a cutting situation until they experience them," he said. "This may be too late. Professional users are trained to understand the hazards associated with the chain saw itself and can analyze the hazards in an area before starting to cut."

A key hazard of chain saw use is kickback. "If the chain on the upper quadrant of the tip of the guide bar touches an object such as another log or branch, the saw can suddenly jerk backward and upward," Stover said.

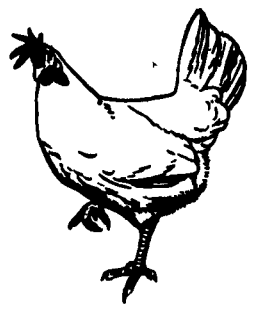
"To help avoid kickback, one should always be aware of the position of the tip of the guide bar and keep it away from all objects.

"For a better understanding of how to operate chain saws safely, study one of the modern chain saw safety manuals available from many major chain saw manufacturers," Stover said. "Check with your local dealer or distributor."

Common safety recommendations for chain saws include:

- Grip the saw firmly with both hands when the engine is running. Keep the right hand on the rear handle and the left hand on the front handle, with thumbs and fingers encircling the handles. This helps to maintain control in the event of kickback. Keep the handles dry, clean and free of oil or fuel.
- Make sure your cutting area is free from obstructions. Do not let the nose of the guide bar contact a log, branch or any other object.
- Cut at high engine speeds.
- Do not overreach or cut above shoulder height.
- Do not operate a chain saw when you are fatigued.
- Use safety footwear, snug-fitting clothing, protective gloves, and eye, hearing, and head protection. Do not start cutting until you have secure footing and a planned path to retreat from the falling tree.
- Use extreme caution when cutting small brush and saplings. These may catch on the saw chain and be whipped toward you or pull you off balance.

Poultry Pointers



(Continued from Page C3)

30 percent and ammonia at levels less than 25 ppm. This is your goal.

The third factor required to maximize weight gain is to reduce the environmental challenges in the house. Nothing can decrease growth rate like enteritis, a respiratory problem, or a disease that causes death just prior to marketing.

Disease challenges decrease uniformity, or in other words, produce more stunted, small, noneffi-cient birds. Biosecurity is therefore a necessity. Proper vaccination methods are a must. Cleaning and disinfecting, timely removal and disposal of mortality, decreasing stress (cold stress, heat stress, water or feed starvation, ammonia, dust, etc.) are needed for each flock.

Cleaning up around facilities, rodent baiting, timely removal of floods and rebedding, thorough cleaning and disinfecting between flocks or when total cleanout is completed, and maintaining good communication with service personnel to obtain timely and effective identification and treatment of disease challenges can reduce diseases that will enter your flocks.

It is best not to have any disease in your flock, but it is also unrealistic. Therefore, surveillance and vigilance over your flock are necessary and allow you to maximize your flock's performance.

In conclusion, best flock gains are possible when care is taken to manage ventilation, temperature, and environmental challenges. Essentially, it is preventative maintenance for your poultry flock. When the environment is controlled and air quality maintained, the birds can use all of their resources for maximizing weight gain.

Laurel Valley, D&D Largest Simgenetic Breeders

BOZEMAN, Mont.— Laurel Valley Farms of Ligonier and D & D Land & Cattle Co. of Washington were the two largest breeders of Simmental/Simbrah cattle in the state of Pennsylvania for fiscal year 1993, according to the American Simmental Association.

Also included in the top five were Rolling Ridge Farms of Evans City, Maple Cove Breeders, of Pittsburgh and Harvest Plantation of Franklin.

The figures represent cattle that were registered from July 1, 1992, to June 30, 1993, with the American Simmental Association.

"We are very excited about the growth of the Simmental breed in the United States," said Brian Kitchen, executive vice president of the association. "The Simmental breed is well positioned to take advantage of the progressive changes happening in the beef cattle industry, specifically in the area of value-based marketing."

The American Simmental Association, which also serves as the registry for the Simbrah breed, finished its fiscal year with an increase in registrations of 3.5 percent (2,766 animals), which is the third straight year for an increase.

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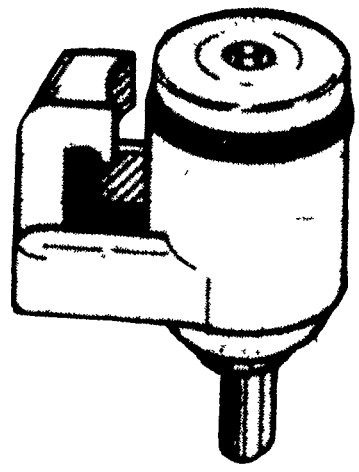

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Top Lancaster DHIA Cows By Protein For November

The cows that finished protein records of 770 or more pounds in November in Lancaster DHIA are listed as follows:

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OWNER - COW'S NAME	BREED	AGE	DAYS	MILK	% PROT	PRO-TEIN	% FAT	FAT
WARREN 2 GOOD								
VELVET	RH	4-8	305	28,462	3.4	975	4.2	1186
ROBERT KAUFFMAN JR								
FAITH	RH	5-1	305	30,524	3.2	974	2.9	875
JEM JE	RH	4-2	305	26,277	3.3	864	4.0	1051
IVY	RH	4-5	305	25,639	3.2	816	4.0	1024
BONNIE	RH	3-0	305	23,416	3.4	797	4.1	953
JEM	RH	5-9	305	24,773	3.2	795	3.4	833
RALPH PETERSHEIM								
ANDREA	RH	5-4	305	29,640	3.3	968	2.3	671
SASSY	RH	4-7	305	27,742	3.1	863	2.9	810
DOLLY	RH	4-10	305	27,143	3.1	831	2.5	691
KENNETH D MYER								
BRANDY	RH	6-1	305	29,410	3.2	955	3.3	956
AMOS E STOLTZFUS								
ROBIN	GR-H	9-4	305	31,189	3.1	952	3.2	1003
PRETZE	RH	6-11	305	32,010	2.9	943	3.1	1006
HELGA	GR-H	5-1	305	26,331	3.3	861	3.6	942
SWAMP MEADOW FARM								
MARY	GR-H	4-6	305	30,354	3.1	949	3.7	1126
WALNUT RUN FARM								
38	GR-H	8-1	305	31,356	3.0	942	3.2	1000
887	GR-H	4-2	305	25,568	3.2	829	2.8	706
906	GR-H	4-0	305	29,486	2.8	825	3.5	1034
655	RH	7-2	305	28,824	2.8	811	3.4	972
15	GR-H	7-10	305	26,660	3.0	810	3.5	943
646	RH	7-1	305	25,986	3.0	788	3.1	799
SIX CORNER FARM								
ROSE	RH	4-0	305	29,640	3.2	940	2.9	869
CURTIS E AKERS								
PHOEBE	RH	5-11	305	29,002	3.2	939	3.7	1077
SUNNY	RH	3-0	305	24,338	3.3	803	3.4	818
ELLA	RH	4-10	305	25,567	3.1	790	3.4	876
RICK + MIM BRENNEMAN								
KAT	RH	9-4	305	30,166	3.1	937	3.5	1043
SHELMAR ACRES								
LEVIN9	RH	3-1	305	28,772	3.2	933	3.8	1090
MARLEE	RH	3-0	305	23,823	3.6	850	3.7	878
RUTH	RH	3-5	305	25,650	3.3	846	4.1	1062
TONI 2	RH	3-10	305	27,618	3.0	838	3.4	946
VICKIE	RH	4-9	305	26,207	3.1	821	3.9	1023
VERGE6	RH	6-3	305	27,350	3.0	821	3.2	877
SHEILA	RH	5-0	305	23,835	3.4	803	4.1	967
JOHN H HOWARD								
SUNRAY	RH	8-6	305	29,091	3.2	929	3.5	1010
J RAY RANCK								
VIOLET	GR-H	5-0	305	28,833	3.2	927	4.0	1151
RAVEN	GR-H	4-3	305	25,869	3.4	869	3.9	1011
DAVID R STOLTZFUS								
CREAM	GR-H	4-2	305	28,534	3.2	924	3.6	1016
174	GR-H	7-1	305	25,409	3.1	796	3.5	896
GLENN H WENGER								
33	GR-H	4-2	292	27,409	3.4	923	3.3	913
WILMER W WOLT								
12	GR-H	4-11	305	29,259	3.1	918	3.5	1014
DAVID L LANDIS								
273	RH	7-5	305	30,735	3.0	916	3.1	964
415	GR-H	3-1	305	24,263	3.3	804	3.2	784
37	RH	5-5	305	26,524	2.9	778	3.9	1025
WELK ACRES FARM								
FAY	RH	6-2	305	26,914	3.4	907	3.0	814
CARL L MARTIN								
MINDY	RH	4-7	305	27,509	3.3	901	4.2	1155
SNOWAT	RH	7-7	305	25,665	3.2	822	4.2	1072
MIM	RH	3-10	305	25,593	3.1	798	3.7	948
BOB+KAREN GOCHENAUR								
27	RH	5-10	305	28,230	3.2	897	2.7	762
68	RH	3-8	305	26,340	3.2	845	2.1	563
31	RH	6-1	305	28,227	3.0	839	3.4	968
85	RH	3-11	305	24,750	3.3	806	3.5	865
95	RH	4-10	305	26,229	3.1	801	2.9	754
99	RH	4-9	305	24,365	3.2	771	3.7	908
MELVIN ZOOK								
205	RH	7-9	305	28,205	3.2	895	3.8	1065
261	RH	5-11	305	27,966	3.1	879	3.5	981

(Turn to Page C8)

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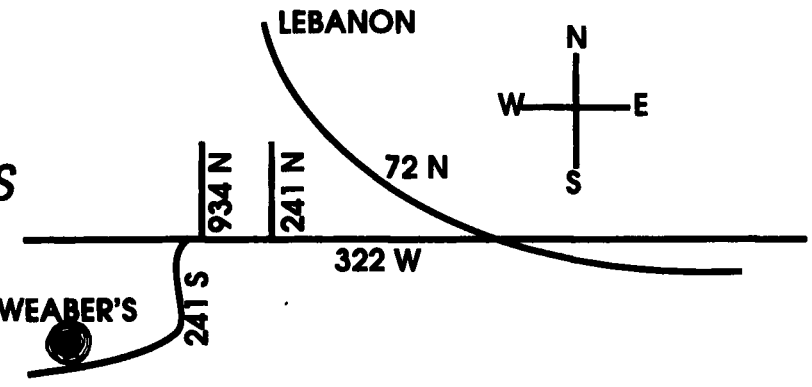


Also Buyers Of Standing Timber

Business News

Genesis Tractors 'A Quantum Leap'

NEW HOLLAND (Lancaster Co.) — Making a move to be a serious North American contender in the two-wheel-drive tractor market, Ford New Holland introduces the new Genesis™ tractor line. The 70 Series line offers buyers the most model choices in this power range in the company's history.

"This is a quantum leap from where we were before. Everything on these tractors is new," said Dave Templeton, lead engineer, Genesis™ project development. "What we've got is a no-excuse tractor built to take on the market."

The four-model line includes the following:

- 8670 with 145 PTO hp.
- 8770 with 160 PTO hp.
- 8870 with 180 PTO hp.
- 8970 with 210 PTO hp.

The total-package enhancements for the Genesis™ tractor line make comparisons with previous Ford New Holland models difficult.

The new engines on these tractors offer up to 50 percent torque backup," said John Hundley, product manager, Genesis™ line. "Our top horsepower rating used to be 170 hp. If you compared our 160 hp 8770 with that older tractor, there would be no comparison. Genesis™ tractors offer that much improvement."

Ford New Holland, better known in small-farm country for its under-100 hp line, had offered growers three models from 145 to 170 hp.

"This is the most we've offered at this level," Hundley said. "And there have been no compromises through the development of these machines. We find no weak points, no areas we have to explain away at the introduction."

Seeking to achieve "best in class" performance from a variety of areas, Genesis™ engineers created a machine with high standard lift capacity. At the top end, the 8970 has a 15,000-pound lift capacity.

For hydraulic performance, the new closed-center, load-sensing system delivers 31 gpm at 2,750 psi. For implements requiring higher flow, a buyer can specify the optional MegaFlow™ hydraulic system with a 55 gpm flow at pressure — the highest available today.

Higher horsepower ratings are just a visible indication of what Genesis™ tractors offer, Hundley said.

"In the past, we had PTO torque backup of about 18 percent on our tractors. The competition boosted theirs to about 35 percent. We responded," he said. "We've come up with engines that offer up to 50 percent PTO torque rise. And until you lug it in the field, it's difficult to explain. You have to drive it to believe it."

Calling the 7.5-liter engines "gutsy," Hundley said an operator can pull a 5-bottom roll-over plow and have that engine lug down to as low as 1,300 rpm. It will just walk through the tough spot and climb back to 1,900 rpm without downshifting," he said.

"A quantum leap" is how Ford New Holland describes its new Genesis™ tractor line. Selection includes 145 hp Model 8670; 160 hp Model 8770; 180 hp Model 8870; and 210 hp Model 8970.

All engines are turbocharged, and the top two models — the 8870 and 8970 — use air-to-air intercooling. This extra operating "headroom" is called Constant Power Plus™, and provides improved fuel efficiency because a user can operate at a lower rpm. Optimum operating speed for Genesis™ tractors is 1,900 rpm. This increases fuel economy and reduces engine noise.

How an engine sounds is as important as how loud it operates. Ford New Holland engineers spent time listening to engines and measuring the quality as well as quantity of sound. The result? "These engines sound better," Hundley said. "You can listen to a pleasing sound at a higher level than you can with sounds that have bad quality. These are quiet tractors, and they're perceived even quieter thanks to sound quality analysis."

Cab redesigns have changed the operating environment of today's farm tractors. More glass, clear hoods, and more head and legroom are all expected in the efficient farm tractor. Ford New Holland engineers went to customers to learn what makes an effective work environment. "Visibility is important," Templeton said.

Mechanical front drive axles have increased tractor productivity, allowing growers to get more work out of their machines. Trouble is, these axles also give the machines a very wide turning diameter.

Engineers struggling with the problem have devised several solutions. Genesis™ now offers the optional SuperSteer™ FWD axle which reduces turnaround diameter by up to 40 percent, depending on tire and wheel size.

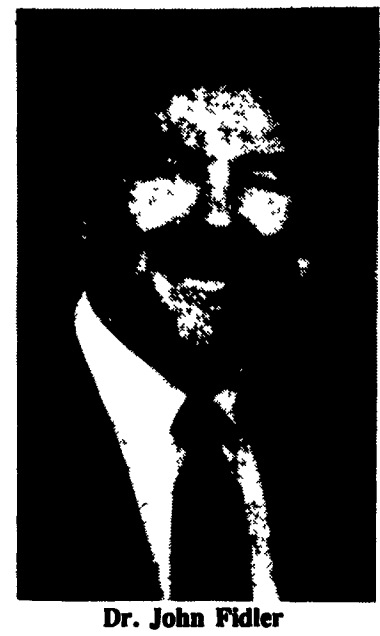
"When we talk about these axles we discuss turning diameter, not turning radius," Templeton said. "Turning radius is a measure better suited to industrial applications. Turning diameter is more important to the grower because they want to know how short they can turn at the end of the row."

With the SuperSteer FWD axle option, a grower will see turning diameter as low as 15 feet. The simple, patented system eliminates the "light bulb" effect seen at the end of a row. That's where the operator has to swing out a bit to make a wide enough turn to line up the implement for the next field pass.

Linking the engine to the wheels in the Genesis™ line is a new powershift transmission that is standard across the line. When Ford New Holland introduced the Ultra-Command™ powershift transmission in 1990, it offered ground-breaking control advancements. The 18-speed unit also gave farmers a better look at how electronic controls on powershifts could offer enhanced operating features.

The Genesis™ powershift transmission is the next generation in engine power control. This 16-speed unit offers several new features and engineering enhancements, including:

- Straightlline shuttle shift.
- Pulse shift. Shifting up or down is accomplished by bumping the transmission lever right or left.
- Automatic transport turns the powershift into an automatic transmission for over the road travel. The transmission changes gears to match engine speed and load.
- Programmable upshift/downshift. This allows fast up and down shifts at the end of a row. By simply pushing two buttons the grower can easily downshift, raise an implement and make an end of row turn.



Dr. John Fidler

Ray S. Lehr

Donald E. Horn, Jr.

Fred Keller

Pennfield Announces Management Changes

LANCASTER (Lancaster Co.) — Mike Horn, executive vice president and chief operating officer of Pennfield Corporation, has announced the following management changes.

Dr. John Fidler has been promoted to vice president, technical services for the corporation and will serve on the management operating committee.

Ray S. Lehr has been promoted to senior vice president, feed marketing, and will serve on the management operating committee.

Donald E. Horn, Jr. has been promoted to director of milling operations with responsibility for feed manufacturing, distribution, and customer service.

Fred Keller has been promoted to manager of feed production with responsibility for feed plants and maintenance.

Farm Credit Posts Third Quarter Earnings

LEWISBURG (Union Co.) — Third quarter net earnings were recorded by northeastern Pennsylvania's largest agricultural lender, Northeastern Farm Credit, ACA, according to quarterly financial reports issued recently.

The $483,000 in third quarter earnings represented a strong increase of 18 percent or $74,000 over earnings for the same period of 1992. The strong third quarter results were recorded on a loan portfolio of $198.6 million, which advanced $7.3 million from the loan volume posted at December 31, 1992.

Robert T. Reich, president of Northeastern Farm Credit, ACA, said, "The first three quarters of 1993 have posed many challenges to our loan officers and our customers as together we've dealt with a sluggish economy and the effects of a drought in some areas of the region. We're pleased that even during periods of economic uncertainty, we've continued to operate profitably and still serve the needs of our customers."

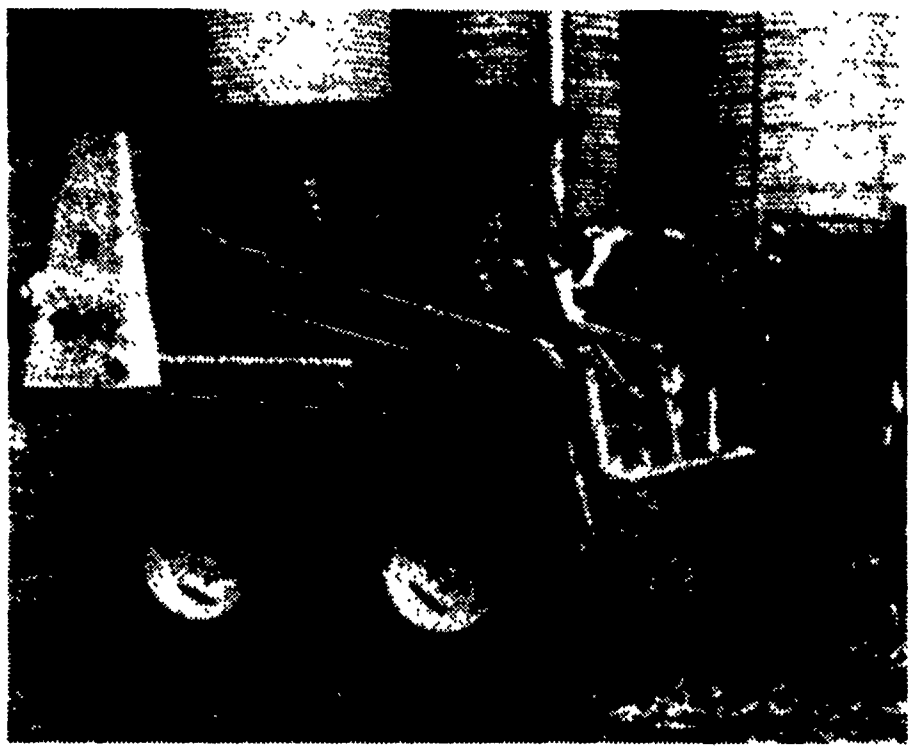
Association officials attributed the increase in earnings to improved net interest income and a decline in the provision for loan losses. Net interest income for the quarter was $1.3 million, an increase of $97,000 or a 8.0 percent over the third quarter of 1992. The improvement in net interest income resulted primarily from increased loan volume and the use of the ACA's improving capital position to fund a higher portion of the loan portfolio.

ACA financial reports indicate the credit quality of the loan portfolio continued to improve. Adversely classified loans decreased to 8.1 percent of the total loan portfolio at September 30, 1993, down from 9.5 percent at December 31, 1992. The overall improvement in credit quality throughout 1993 is reflected in the $21,000 decrease in the third quarter provision for loan losses as compared to the same period of 1992. Year to date, the provision for loan losses was $58,000, a decrease of $109,000 from the prior year.

Best Values in New Equipment

1840

The Case 1840 skid steer delivers a rated operating load of 1350 pounds.



Heavy-duty

Compact

Reliable

Built to last

Well balanced

Versatile

Easy to operate

Easy to service

BIG productivity, small package

Compact but powerful
54" wide • reliable 50 net hp Case diesel engine • 3066 lbf breakout force

Easy to use
Hand or foot controls • low-maintenance hydrostatic drive • easy access to service points

Productive
Dual bucket cylinders for maximum breakout force • excellent balance for bucket penetration

Versatile
Quick-change coupler system for fast attachment of buckets, forks, augers and blades

SEE THESE CASE IH DEALERS

PA DEALERS

ERB & HENRY EQUIP., INC.
New Berlinville, PA

C.H. WALTZ SONS, INC.
Cogan Station, PA
Williamsport Area

A.L. HERR & BRO.
Quarryville, PA

MORRIS INTERNATIONAL INC.
Everett, PA

INCH EQUIPMENT CO.
McAllisterville, PA

MIFFLINBURG FARM SUPPLY
Mifflinburg, PA

HINES EQUIPMENT
Cresson, Pa.
Beltwood, PA

ECKROTH BROS. FARM EQUIP.
New Ringgold, PA

BINKLEY & HURST BROS.
Lititz, PA

BANGOR IMPLEMENT
Bangor, PA

RT. 45 SALES & SERVICE
Spring Mills, PA

MELVIN J. SHEFFER, INC.
Hanover, PA

MESSICK FARM EQUIP.
Elizabethtown, PA

ZIMMERMAN'S FARM SERVICE
Bethel, PA

CHAMBERSBURG FARM SERVICE, INC.
Chambersburg, PA

CARLISLE FARM SERVICE
Carlisle, PA

W.C. CRYTZER EQUIP., INC.
Kittanning, PA

LIGONIER SALES & SERVICE
Ligonier, PA

HETRICKS FARM SUPPLY
New Bethlehem, PA

NJ DEALERS

FARM-RITE INC.
Shiloh, NJ

MD DEALERS

BIGGS INCORPORATED
Rising Sun, MD

DE DEALERS

HOOBER EQUIP., INC.
Middletown, DE

caseih

Top Lancaster DHIA Cows By Protein For November

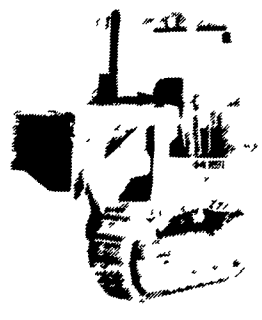
(Continued from Page C4)

169	RH	9-3	305	30,097	2.8	829	3.4	1014
316	RH	3-3	296	24,687	3.2	798	3.9	965
293	RH	4-2	304	24,489	3.2	791	3.6	876
GRAYWOOD FARMS								
321	GR-H	6-6	305	28,899	3.1	895	3.0	867
428	GR-H	4-1	305	28,434	3.1	870	2.3	646
271	GR-H	7-8	296	26,804	3.2	851	3.3	887
147	GR-H	4-2	305	24,269	3.2	787	3.1	759
196	GR-H	4-3	305	26,222	3.0	776	2.7	705
HERSHVALE FARMS								
62	RH	6-4	305	30,322	2.9	884	3.3	1000
34	RH	4-1	305	25,591	3.0	780	3.9	1010
THOMAS C LAPP								
LULU	RH	4-0	305	29,024	3.0	883	2.9	832
NELSON + JANE STONER								
177	RH	5-4	305	30,383	2.9	880	2.8	848
131	RH	6-7	305	31,626	2.7	868	3.3	1030
81	RH	3-1	305	25,479	3.1	792	2.6	654
HENRY F STOLTZFUS JR								
HILARY	RH	5-1	305	30,161	2.9	875	2.9	872
EARL & ANNA MAE REIFF								
BUBBLE	GR-H	6-4	305	26,758	3.3	874	3.3	893
SARA	GR-H	6-11	305	26,796	2.9	775	4.0	1063
FLOYD KREIDER & SON								
69	RH	4-2	305	27,348	3.2	874	3.8	1033
KENNETH E ZURIN								
428	RH	4-4	305	29,631	2.9	870	3.3	969
687	GR-H	7-4	305	26,805	3.2	866	3.8	1012
584	GR-H	3-3	305	28,463	3.0	863	3.1	896
451	RH	4-2	305	26,995	3.0	812	2.9	785
647	RH	7-10	305	28,837	2.8	811	2.6	755
575	GR-H	8-3	305	25,295	3.2	807	3.7	939
714	GR-H	2-6	305	25,625	3.1	802	3.5	897
608	RH	3-1	305	25,772	3.1	801	2.7	696
538	GR-H	3-7	305	21,251	3.7	784	4.3	918
743	GR-H	2-1	305	23,542	3.3	773	3.7	870
BEN+MARIAN STOLTZFUS								
NELLIE	GR-H	4-9	305	26,913	3.2	870	3.7	989
JAMES M HERTZLER								
I 119	GR-H	3-3	305	26,730	3.2	867	3.3	873
242	GR-H	5-8	285	26,625	3.1	817	2.7	729
DAVID W SWEIGART								
213	GR-H	4-2	305	28,336	3.1	866	2.8	806
ROHRER BROTHERS								
BABE	RH	5-1	305	28,073	3.1	859	3.6	1004
MARTHA	RH	5-5	305	25,331	3.1	774	3.0	752
JOHN Z WEAVER								
204	GR-H	3-3	305	28,844	3.0	857	3.1	886
LUKE E MARTIN								
83	GR-H	3-3	305	27,224	3.1	856	3.3	911
KARL W HERR								
SHARON	RH	5-6	305	29,647	2.9	855	3.5	1039
GRACE	RH	5-5	305	26,178	3.2	837	3.5	922
HARRY L TROOP								
ROSALN	RH	4-4	305	26,508	3.2	852	3.3	873
MAPLEHOFE FARMS INC								
102	GR-H	3-2	305	26,850	3.2	851	3.3	879
31	RH	8-11	305	25,971	3.0	792	3.2	833
IVAN K LAPP								
179	RH	4-1	305	26,473	3.2	851	4.1	1084
GORDON & CAROLE HOOVER								
104	RH	4-5	305	26,490	3.2	850	3.6	953
39	RH	3-0	305	23,419	3.3	777	3.2	753
JOHN L BEILER								
KELLIE	GR-H	4-0	305	28,035	3.0	849	3.3	916
MARVEL	RH	4-5	305	22,828	3.6	833	3.9	897
NEW ACRES								
76	GR-H	3-6	305	27,992	3.0	849	3.6	1010
JOHN P LAPP								
QUIN	RH	7-0	305	26,344	3.2	848	3.8	1000
TONETA	RH	3-1	305	27,117	3.0	819	3.0	824
CINDY	RH	7-1	305	24,827	3.2	788	3.4	854
ROBERT L & LINDA SENSENIG								
76	GR-H	5-1	305	23,456	3.6	846	4.4	1036
55	GR-H	5-0	305	25,984	3.1	803	3.2	835
RUNNING SPRINGS FARM								
P C	RH	4-4	305	30,425	2.8	845	3.3	1008
DIANE	GR-H	6-4	289	29,764	2.8	841	2.7	793
DELIAH	GR-H	3-2	295	26,068	3.0	781	2.7	695
LLOYD K WISE								
CORA		5-3	305	26,764	3.2	844	4.2	1112
CARMAN	GR-H	6-11	305	26,437	3.1	810	3.7	965
JONAS O SENSENIG								
6	GR-H	3-8	305	28,650	2.9	843	3.0	870
JOHN G GOOD								
IDA	RH	3-7	305	25,135	3.3	841	3.3	834
TOM ZARTMAN								
229	GR-H	2-6	305	25,979	3.2	840	2.8	715
STONEY-HILL FARM								
WHITIE	GR-H	3-2	305	27,295	3.1	840	2.1	569
TWIN OAK FARMS								
135	GR-H	4-1	305	26,020	3.2	839	3.6	933
RED KNOB FARM								
1069	GR-H	4-3	291	28,385	2.9	837	3.1	872
1224	GR-H	3-0	305	27,996	3.0	836	2.4	667
1001	GR-H	5-0	305	26,078	3.2	833	3.8	995
1137	GR-H	3-5	305	27,920	2.9	816	3.5	977
878	GR-H	5-11	305	26,986	3.0	804	3.4	925
1073	GR-H	4-3	280	24,631	3.3	802	2.8	684
1348	GR-H	2-0	305	23,191	3.4	787	3.7	856
1062	GR-H	4-4	305	23,436	3.3	775	3.6	855
LENEWOOD FARM								
SOPHIE	RH	8-0	305	25,640	3.3	836	3.2	816
ROY E SENSENIG								
33	RH	3-3	305	23,078	3.6	836	3.2	743

(Turn to Page D3)

Leon Ray Martin Excavating

710 Fivepointville Rd. • Denver, PA 17517
General Excavating Site Preparation
(215) 445-4667



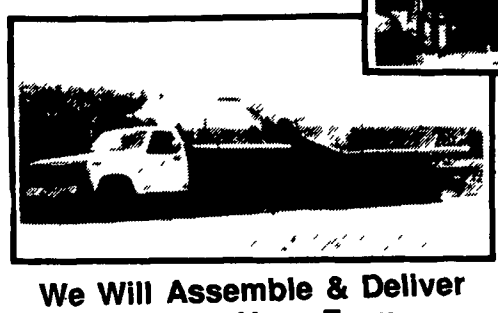
We Have A Backhoe, Loader & Pan To Better Serve Your Excavating Needs

CHORE-TIME BINS AND AUGERS

Take 'em Down!

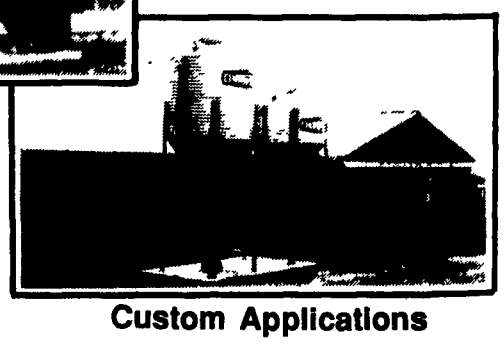
We Stock Truckloads Of Chore-Time Bins & Miles Of Chore-Time FLEX-AUGER

Put 'em Up!



We Will Assemble & Deliver Bins To Your Farm

Bins... Large Or Small



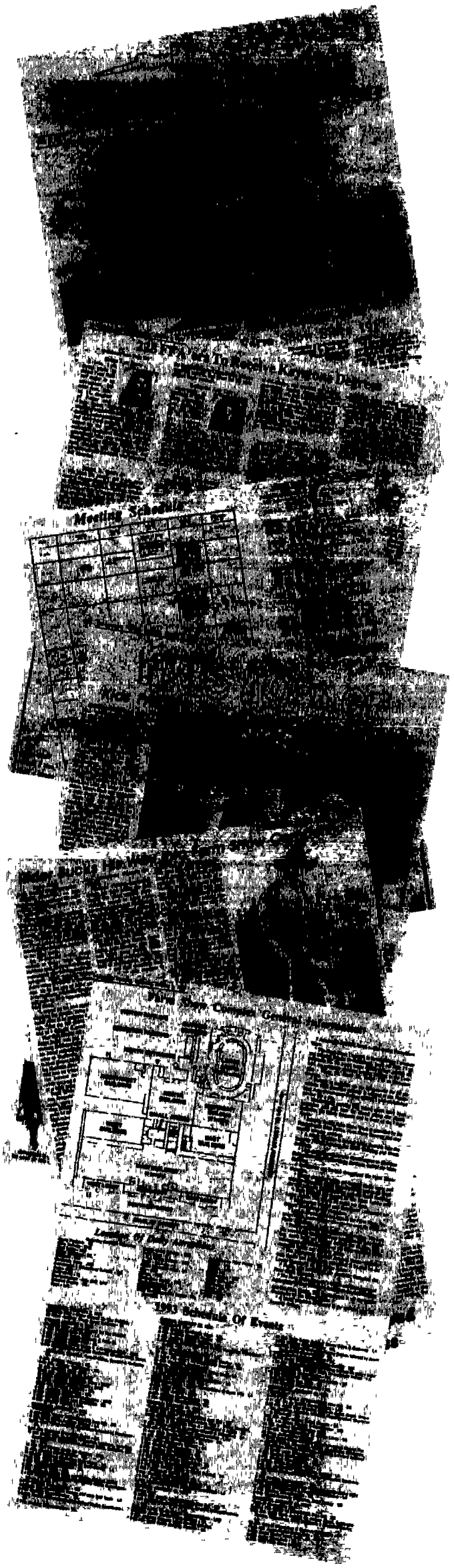
Custom Applications

Northeast agri systems

Pennsylvania's authorized CHORE-TIME master distributor
Northeast Agri Systems, Inc.
Flyway Business Park
139A West Airport Road
Lititz, PA 17543
Ph: (717) 569-2702

STORE HOURS: Mon.-Fri. 7:30 to 4:30
Sat. 8:00 to Noon
24 Hr. 7 Day Repair Service
1-800-673-2580

FOR FREE ESTIMATES CALL OUR TOLL-FREE CUSTOMER SERVICE NUMBER:
1-800-673-2580



Lancaster Farming's

Annual

PENNSYLVANIA STATE FARM SHOW PREVIEW ISSUE

JANUARY 8, 1994

FEATURING:

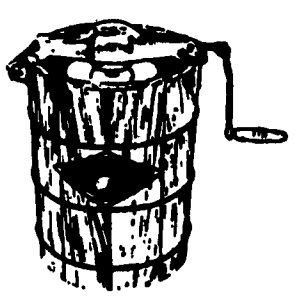
- Special Farm Show Articles
- FFA Keystone Degree Recipients
- Farm Show Meeting Schedule
- Special Interest Stories
- Farm Show Schedule Of Events

Your Advertising Message Will Be Seen By Over 150,000 Readers Of Lancaster Farming... Plan Now To Be Represented In This Special Issue!

Deadline - December 30

Phone 717-626-1164 or 717-394-3047
Or Fax 717-733-6058

WHITE MOUNTAIN FREEZER



STOP BY AND VISIT US AT OUR BOOTH #274. DEPOSIT COUPON TO WIN A WHITE MOUNTAIN ICE CREAM FREEZER.

NAME: _____

ADDRESS: _____

TOWN: _____

STATE: _____ ZIP: _____

Lancaster Farming

Farm Workers Should Protect Hearing

HUNTINGDON (Huntingdon Co.) — Many farmers have something in common with many rock musicians: hearing damage. Farmers should take steps to protect their hearing before it's too late, said a safety expert in Penn State's College of Agricultural Sciences.

"Loud rock music averages about 115 decibels," said Dr. Dennis Murphy, professor of agricultural and biological engineering. "Farm noise ranges between 90 and 140 decibels, well above the 85-decibel limit at which industrial employers are mandated to provide hearing protection for workers."

Consistent, repeated exposure to such volumes can damage hearing before you notice any change, Murphy said. "You may even think you're getting used to the noise, but it's more likely that you've already acquired a mild hearing loss."

Hearing loss has warning signs, however. "Ringing, buzzing, or whirring in your ears may indicate temporary hearing loss," said Murphy. "If you listen to the radio or television at a volume uncomfortable to others, you may have some damage. Frequently asking people to speak up also may indicate hearing loss."

How can you tell if you need noise protection? "If you need to shout to be heard three feet away, the noise is too loud," Murphy said. "Reduce the noise level or wear hearing protection. Protecting your hearing today can save you a lot of misery tomorrow."

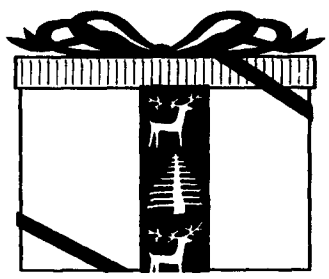
Even though surveys show farmers recognize the hazards of excessive noise, they rarely use hearing protection. "Some farmers believe that ear protection is inconvenient, unhandy, or too time-consuming," Murphy said. "It may take some getting used to, but the benefits far outweigh any inconvenience."

Noise protection devices come in two basic forms — muffs that fit over the ears and plugs that fit inside. On average, these devices reduce noise volume by about 25 decibels. They are available from health and safety catalogs, drug and sporting goods stores, or through licensed audiologists.

When choosing hearing protection, consider cost, comfort, and effectiveness. "Muffs are comfortable for longer wearing times but are not effective when obstructed by glasses or hats," Murphy said. "Hearing plugs are less noticeable than muffs and are small enough to fit in a pocket."

Disposable ear plugs may cost less than $1. Muffs cost from $5 to $80. "Disposable plugs are convenient, but can become expensive if used regularly," he said. "Reusable plugs or muffs are a better choice for frequent wearers."

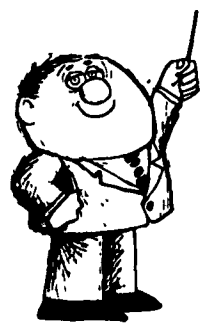
Activities such as shooting guns, listening to loud music, or attending loud concerts and sporting events also can damage your hearing.



Lancaster Farming

HOLIDAY ADVERTISING SCHEDULE

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
DEC. 20	DEC. 21	DEC. 22	DEC. 23	DEC. 24	DEC. 25
PUBLIC SALE 12 Noon ROP ADV. 5:00 PM	CLASSIFIED FARM EQUIPMENT & ETC. 5:00 PM	EARLY DEADLINE FOR HOLIDAY	PRINTING AND MAILING DATE	HOME DELIVERY DATE	MERRY CHRISTMAS
DEC. 27	DEC. 28	DEC. 29	DEC. 30	DEC. 31	JAN. 1
PUBLIC SALE 12 Noon ROP ADV. 5:00 PM	CLASSIFIED FARM EQUIPMENT & ETC. 5:00 PM	EARLY DEADLINE FOR HOLIDAY	PRINTING AND MAILING DATE	HOME DELIVERY DATE	HAPPY NEW YEAR
JAN. 3	JAN. 4	JAN. 5	JAN. 6	JAN. 7	JAN. 8
PUBLIC SALE 12 Noon ROP ADV. 5:00 PM	CLASSIFIED FARM EQUIPMENT & ETC. 5:00 PM	EARLY DEADLINE FOR PA STATE FARM SHOW	PRINTING AND MAILING DATE	HOME DELIVERY DATE	FARM SHOW OPENS



A LESSON WELL LEARNED...
LANCASTER FARMING'S CLASSIFIED ADS GET RESULTS!

BUY, SELL, TRADE OR RENT THROUGH THE

CLASSIFIED ADS

PHONE: 717-626-1164 or 717-394-3047
FAX 717-733-6058
Mon., Tues., Wed., Fri. 8 AM to 5 PM; Thurs. 7 AM to 5 PM

4 BUILDINGS AND SUPPLIES

140 pieces 2x8, 17' long; 50 pieces 3x5 rafters 24' long 150 pieces 2x6, 12' long 2,500' of barn siding 75¢/ft (717)626-1394

FLOORING T&G, 1"x6", Ash, GOLDEN OAK, Maple, Cherry, Walnut, wide 1"x14" Pine, 8000 sq ft Priced right 215-565-6038.

FLOORING- New kiln dried T&G, 2x8 Y.P. Can deliver. NOAH SHIRK SAWMILL 717-354-0192

FREE for removal, 20'x90' chicken house, corn barn, pig house (717)867-4495

GEBHART'S POLE BUILDINGS: & Let quality and value stand for you Custom design and built, commercial, residential or agricultural. Put your building up today 717-259-9438.

Harvester bunk feeder w/ aluminum roof w/electric lights, 100'+/—, $500. (609)235-3810 after dark Serious inquiries only

Allied Steel Buildings, Commercial, Industrial, Agricultural. Building YOUR Business is OUR Business. A.S. HOOVER INC. 3125 Manor Road, Coatesville, PA 19320 1-800-942-2591; 215-942-2591.

Antique building materials, beams, wide pine boards, flooring, doors, etc 717/249-2304

"B" Grade Glass Board and Plastic Sheets up to ¼" Thick, (Special 4'X8'X¼" Plastic Sheets $12.00) Glenn Beidler, Freeburg, PA, Snyder County. (717)539-8993.

Chain Link Fence, new, slightly imperfect, heavy 9-gauge galvanized. 3'-$.90/ft, 4'-$1.00/ft, 5'-$1 55/ft, 6'-$1.65/ft, 7'-$1.85/ft, 8'-$1.95/ft. Call 717/822-7820 7-8am or leave message.

Let Capital Steel Buildings supply you w/affordable, easily erected steel buildings. Custom designed, any size. Call today for free quote. 1(800)207-8283.

LOG CABIN LOGS, Pine, 6"x6" 10'to 14', round face, flatback, V-groove, 1800 LF Oak, other patterns, sizes available, priced right. 215-565-6038.

Oscar Turret Lathe, complete, collets & all, $350 OBO. 215/723-0540.

Resawn heart pine flooring, 7-14" wide; resawn chestnut flooring; 22'x25' 2 story chestnut log house. 717/374-7122.

Cramer's Discount Roofing, lowest prices in 3 states See display ad section 4 (717)567-6782

INSULATION BLOWER, 2 cyl. Wisconsin engine, electric start, complete, $450 OBO. 215/723-0540.

POLE BUILDINGS
Top Quality Materials & Workmanship
Please call us before signing with anyone!
We WILL Save You Money
TIMBERLINE BUILDINGS
1-800-842-0276

CLASSIFIED AD ORDER BLANK

PLEASE WRITE CLEARLY

Lancaster Farming
1 E. Main St.
Ephrata, Pa. 17522
717-394-3047
or Lititz
717-626-1164
FAX 717-733-6058

PHONE HOURS:
Mon., Tues., Wed. & Fri.
8 a.m. to 5 p.m.
Thurs.
7 a.m. to 5 p.m.

OFFICE HOURS:
Mon. thru Fri.
8 a.m. to 5 p.m.

The following categories are available for your classified advertising. In Section D. Deadline-Thursday morning at 9 of each week's publication

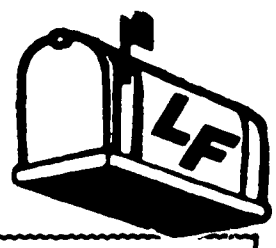
1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders

The following categories are available in your classified advertising. In Section C. Deadline-Wednesday afternoon at 5 of each week's publication.

4- Building and Supplies
5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

MAIL TO:
LANCASTER FARMING
P.O. Box 609, Ephrata, PA 17522

PLEASE CALL OUR CLASSIFIED AD DEPT. IF YOU WANT TO ADVERTISE A DISPLAY BOX IN OUR PAPER.



NOTE: Please do not use this form for Mail Box Market Ads, see instructions with Mailbox Markets.

Name _____

Address _____

City _____ State _____

Zip _____ Phone (___) _____

Please publish my ___ word ad ___ times starting with the _____ issue. Classify under # _____ I enclose _____.

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $1.50 per ad per week additional.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

DEADLINES:
SECTION C - WEDNESDAY AT 5:00 P.M.
SECTION D - THURSDAY AT 9:00 A.M.
OF EACH WEEK'S PUBLICATION

CLASSIFIED ADVERTISING RATES
36¢ per word per week - 1 or 2 times
30¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.96	7.92	9.90
12	4.32	8.64	10.80
13	4.68	9.36	11.70
14	5.04	10.08	12.60
15	5.40	10.80	13.50
16	5.76	11.52	14.40
17	6.12	12.24	15.30
18	6.48	12.96	16.20
19	6.84	13.68	17.10
20	7.20	14.40	18.00

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

(Phone Numbers Count As One Word)

New and Used Structural Sch 40 Pipe For Sale
½" thru 8" Pipe.
J & L Equipment
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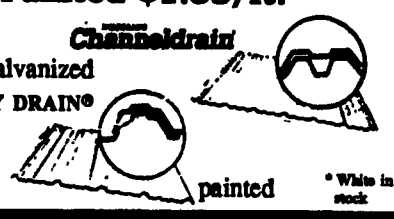

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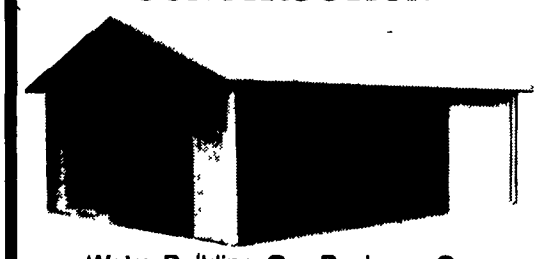

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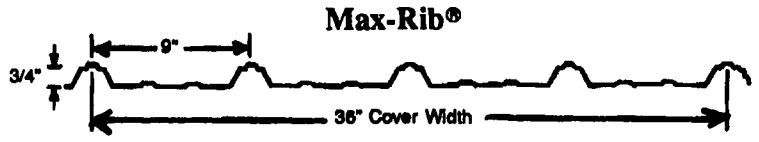

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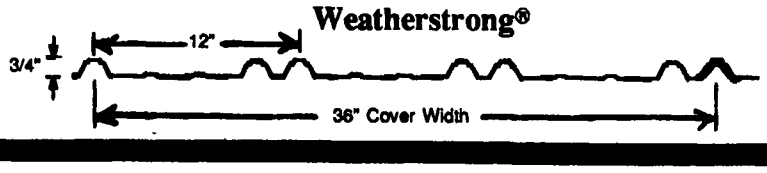

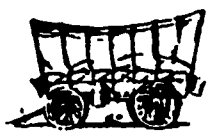

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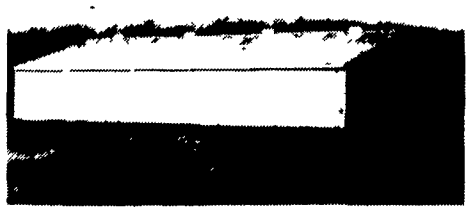

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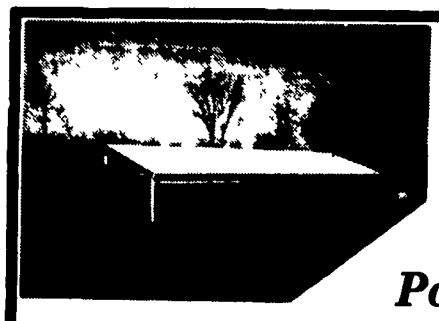

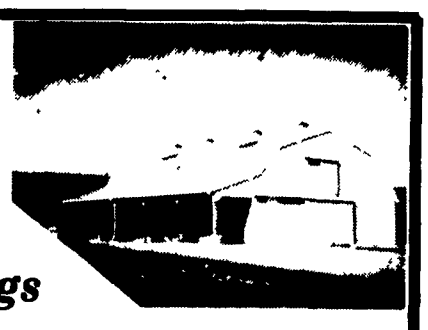

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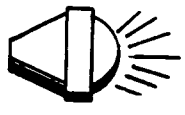
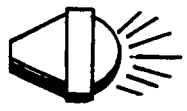
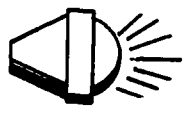


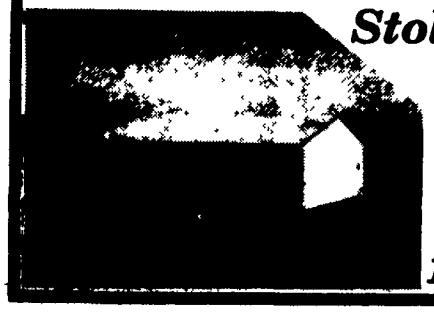
Horse Barns



Garages



Arenas



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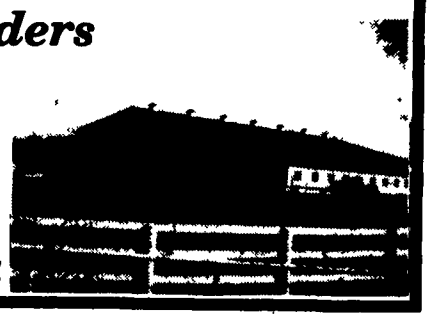

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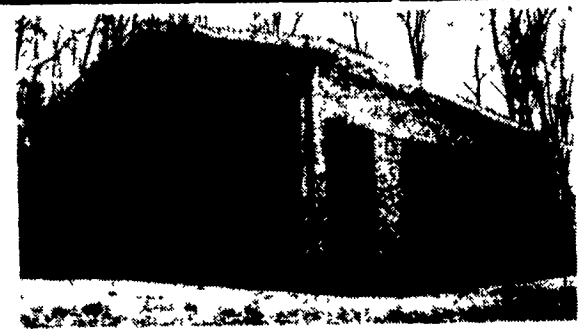

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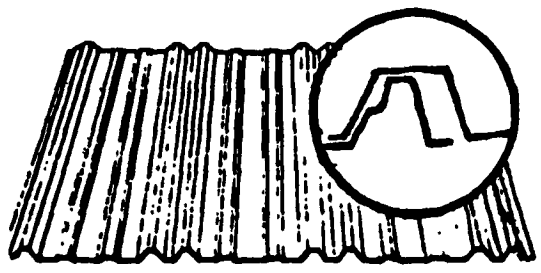

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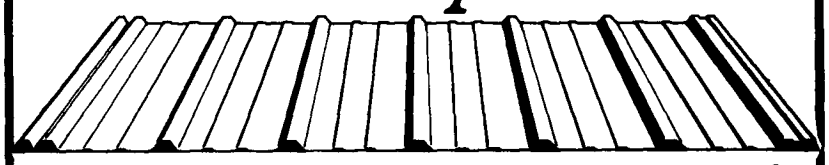

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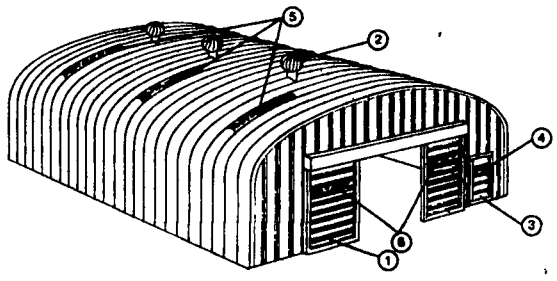

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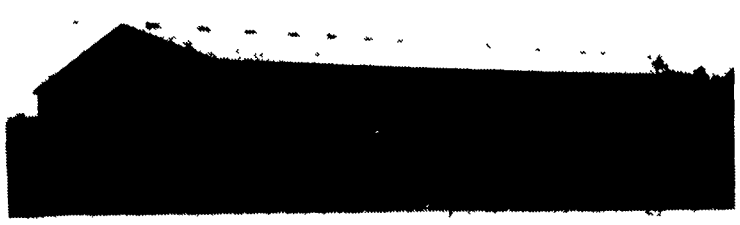

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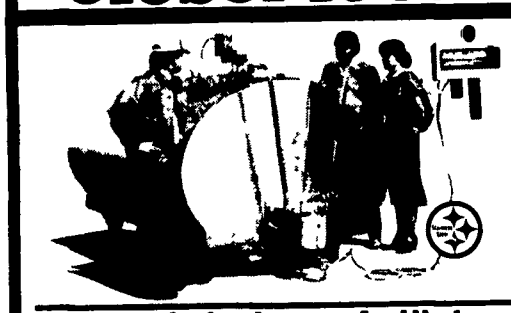

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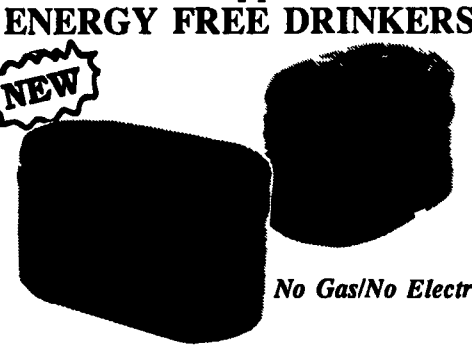

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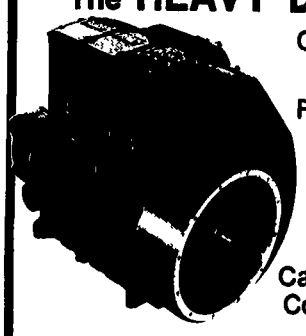

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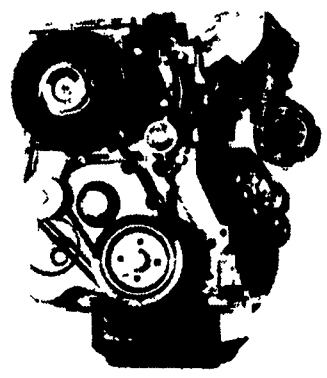

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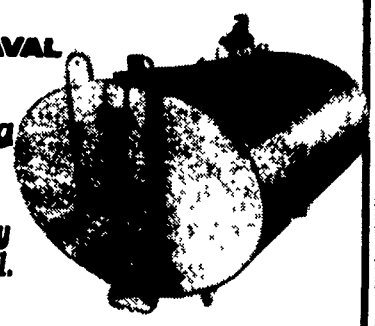

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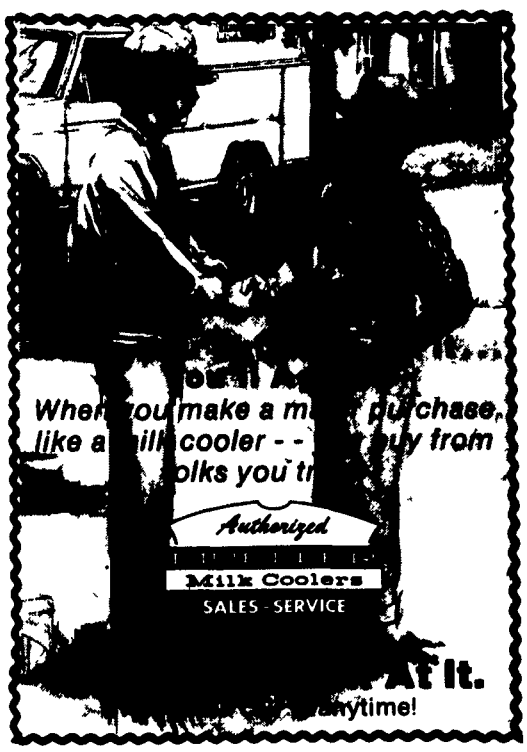

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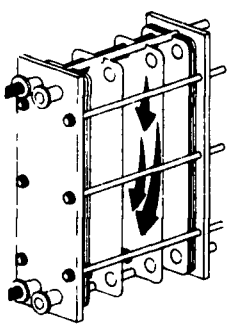

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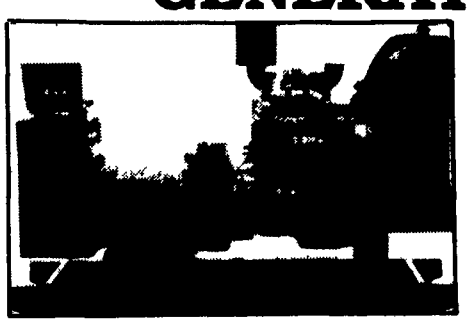

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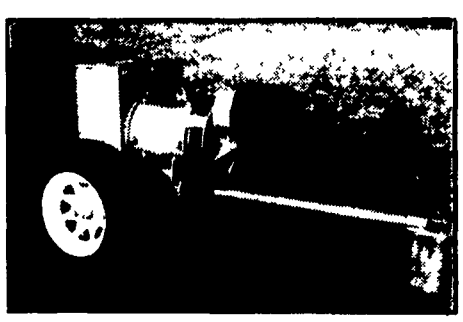

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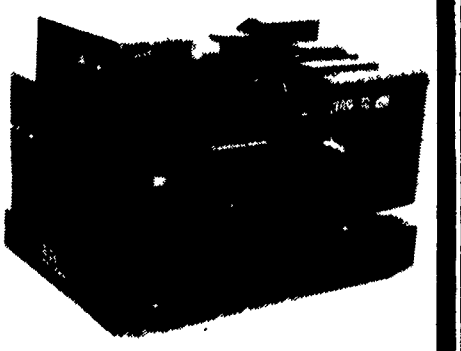

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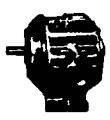

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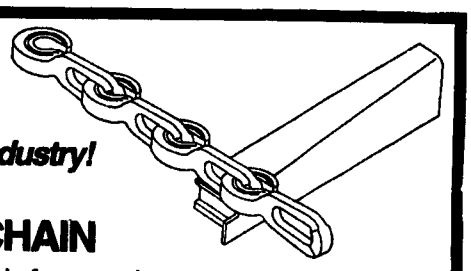

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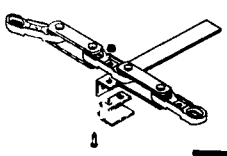

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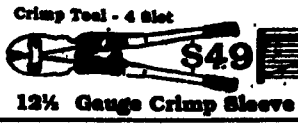

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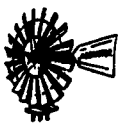

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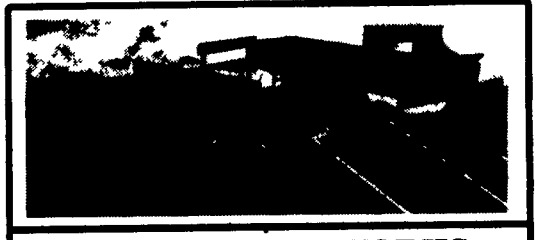

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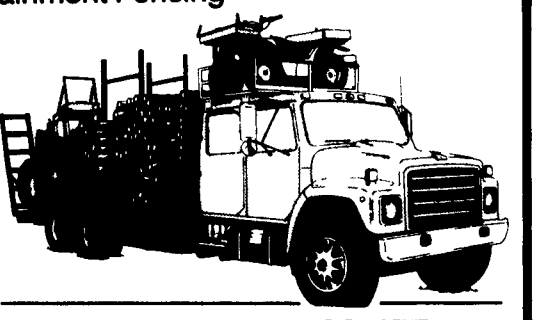

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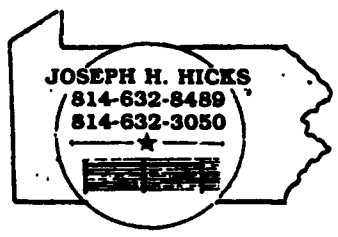

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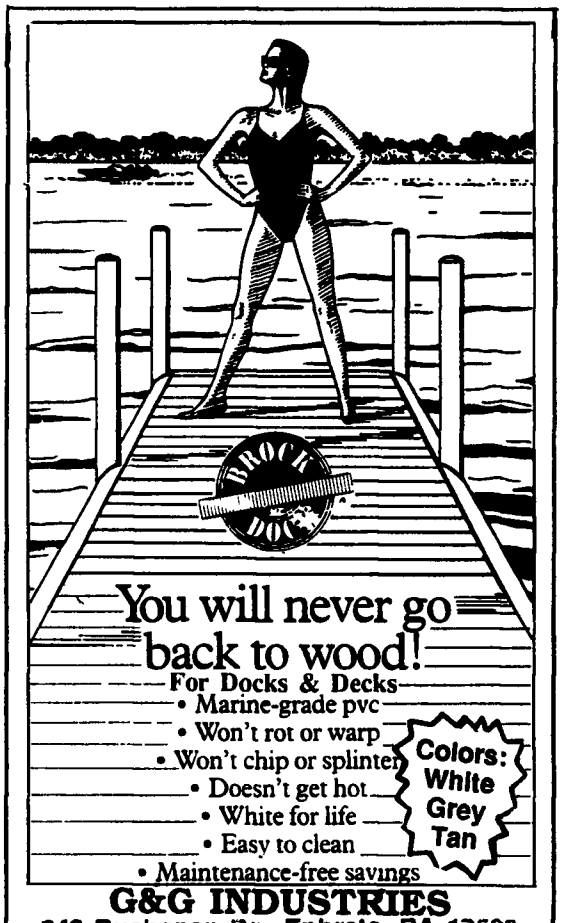

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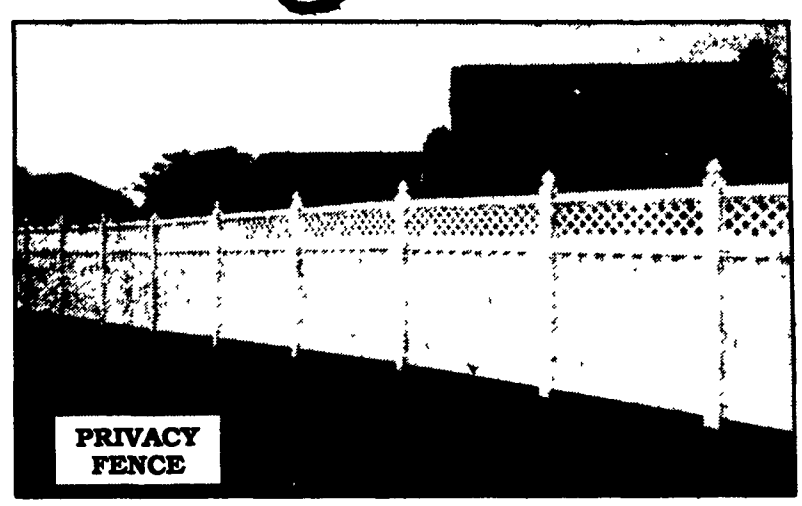

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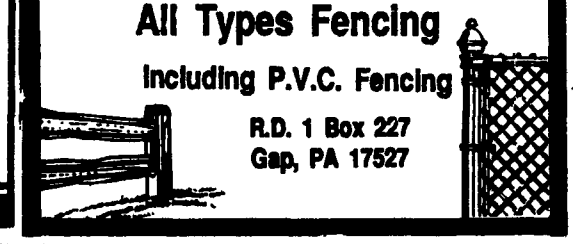

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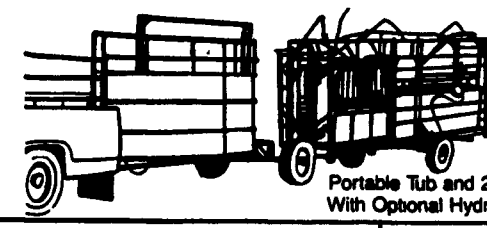

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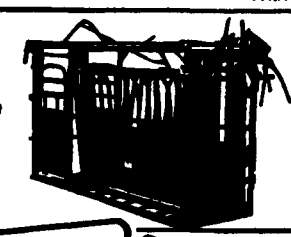
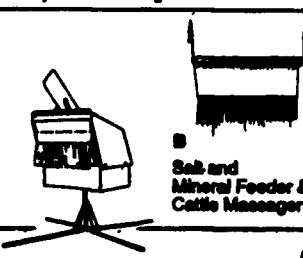
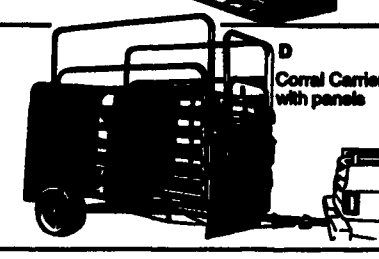


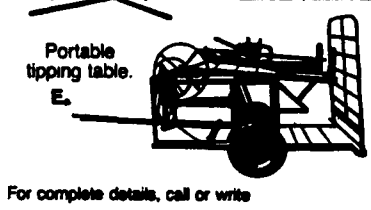
900 Squeeze chute. C



B
Salt and Mineral Feeder & Cattle Messenger



D
Corral Carrier with panels



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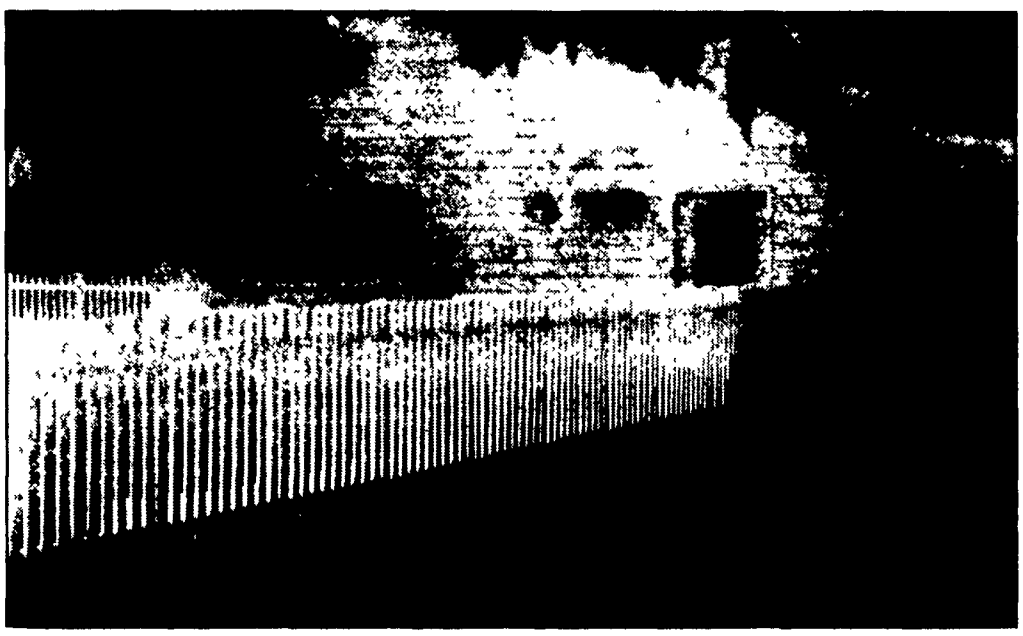

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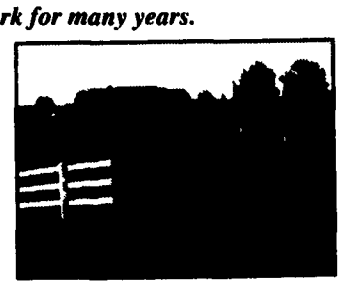

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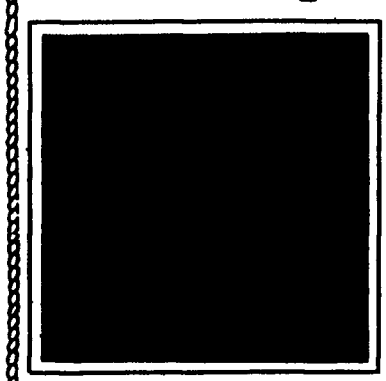

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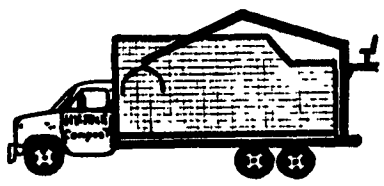

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Pennsylvania Draft Horse and Mule Sale
February 17, 1994
Blizzard Date - February 18, 1994
Pennsylvania State Farm Show Building
Corner of Cameron and McClay Sts., Harrisburg, Pa.
Tack - 8:00 A.M.
Horses - 12:00 Noon
Terms - Tack and Draft Horse related items - 15% - with maximum commission $75.00
Horses - $30.00 to accompany consignment
Commission - 6% Maximum commission $180.00
No Sale Fee $60.00
$30.00 entry fee to be deducted from Commission.
Deadline for catalog - December 15, 1993
Cataloged Horses to sell first.
Horses will be sold in order of consignment.
Negative Coggins test and health papers within 6 months must accompany each horse, please have foal papers in order.
Note - Non catalog consigners - you must give us one week notice so proper number of stalls are available - otherwisel you will have to sell off your truck.
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37-6	.63	5.52	280	53-9	.63	6.40	240
48-5	.59	4.80	230	54.6	.46	5.16	210
52-5	.59	5.12	220	66-5	.79	5.28	235
58-3	.71	6.48	235	66-8	.59	6.08	228
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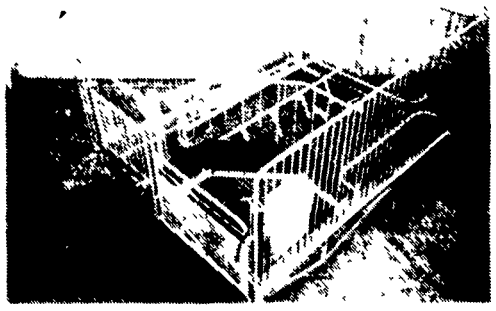

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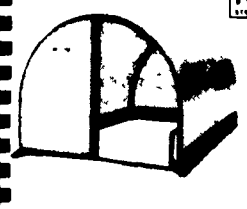

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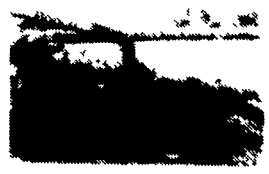

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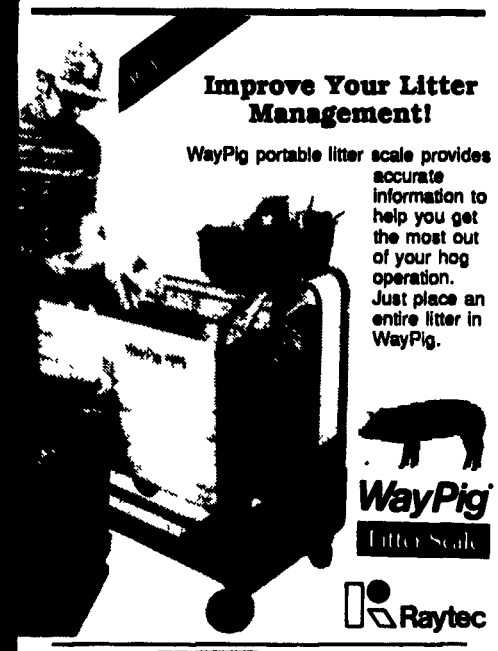
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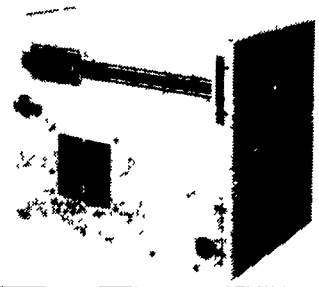

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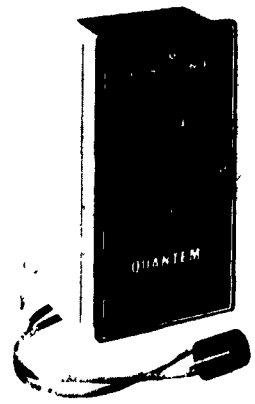

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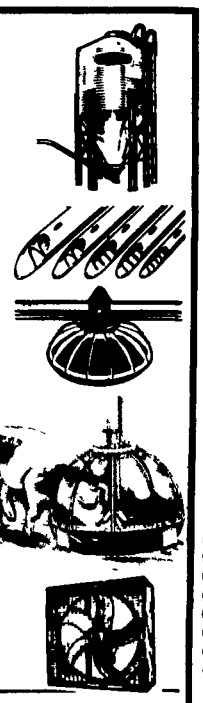

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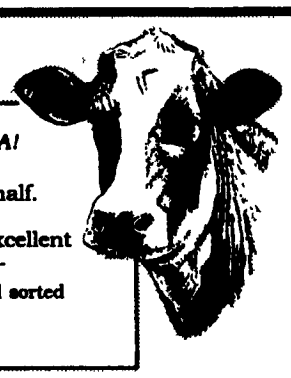
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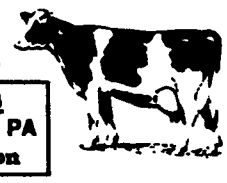

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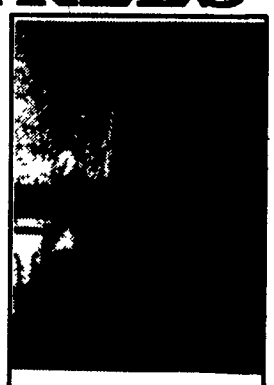

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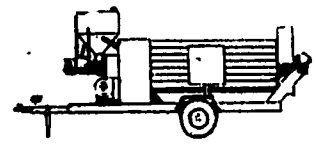

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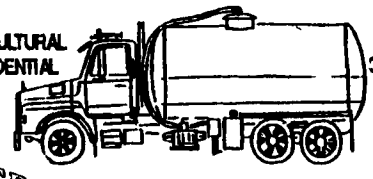

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Application Deadline: Review of applications will begin on December 15, 1993 and will continue until a selection is made.

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32 MISCELLANEOUS

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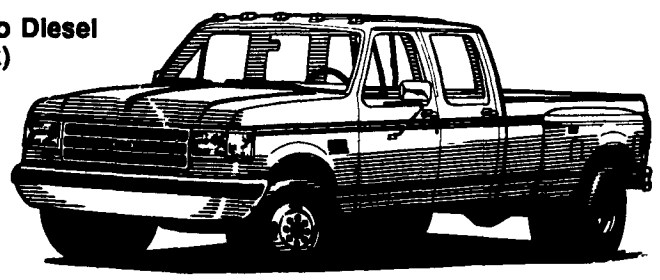

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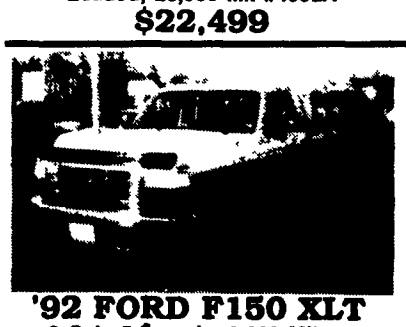

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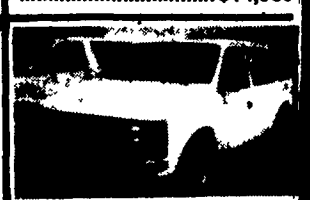
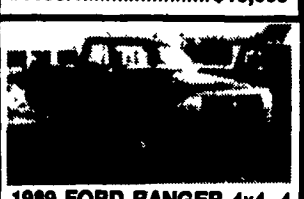


'90 DODGE CARAVAN SE, AT, AC, White, 36,000 Miles, #1974B.....$12,997

'86 PLYMOUTH VOYAGER LE, AT, AC, #1924A...$6,999



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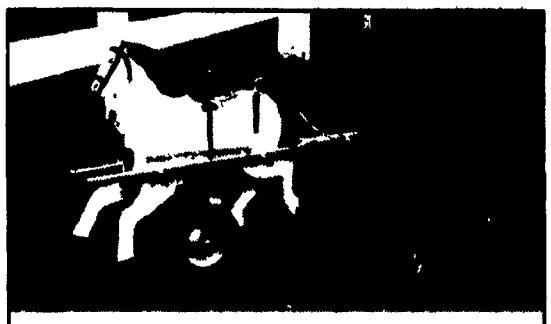

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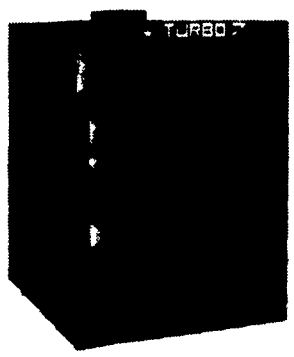

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1978 INT Dump DT466 Air Brakes. $6900; 1981 GMC-7000 Diesel Dump Air-Brakes/BO. $6900; 1976 FORD F-600 Dump 53000 mi/BO $3500; 1969 INT 14' Platform Dump Excond REDUCED $2995; 1970 JEEP Flatbed Pickup w/Snow Plow $1200; 1967 GMC 12' Aluminum Step-Van $5500. (609)466-2953.

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1973 Chev.65, 33,000 GVW, 366V-8, 5-speed w/2 speed rear, 20' aluminum van, roll up door, side door, insulated, $2800. 814/496-9270.

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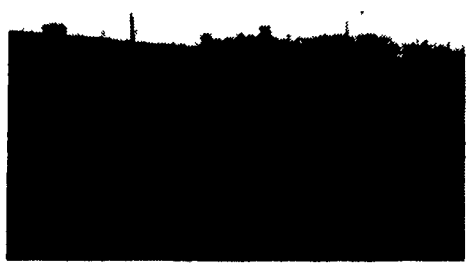

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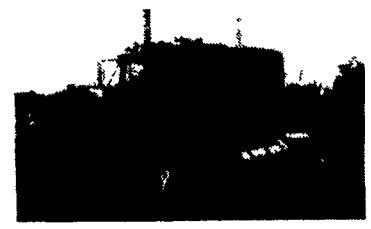
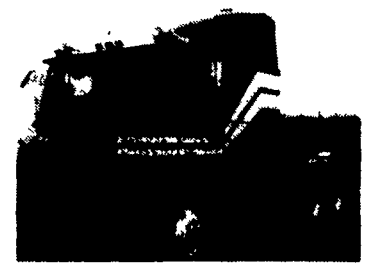


1987 KENWORTH, W900 Kit, NTC400, RTO14608LL, DS402, Air Ride Suspension.

1989 VOLVO, 8V92TA, 425 HP, Transmission RT14609A; 12,000 Lbs. Front Axle; SQ 100 Rear Axle, 40,000 Lbs, Spring Suspension.



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1 Ton Dump, 4.9 Liter, 6 Cyl., 5 Speed
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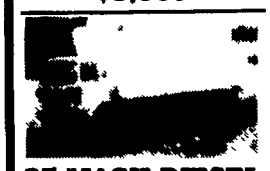

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$8,450

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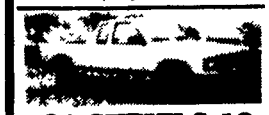
318 Auto, PS, 68,204 Miles
$5,400



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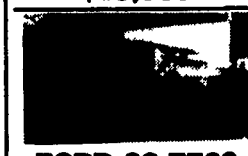

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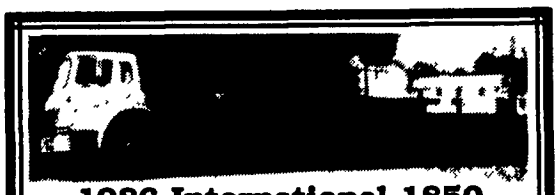

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Diesel, Rollback, Allison Auto Trans., 30 Foot Bed, 78,000 Orig. Miles
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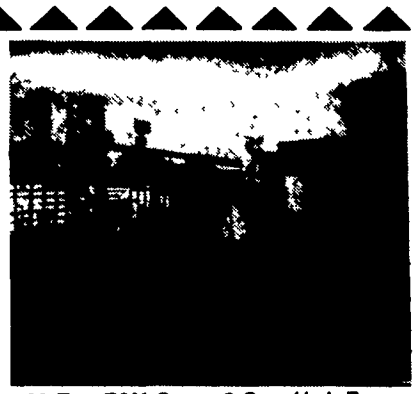

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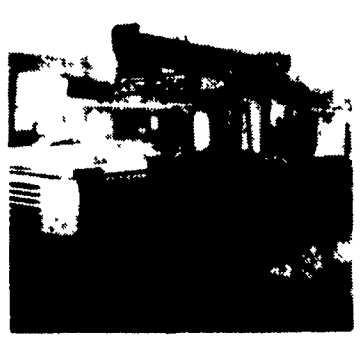

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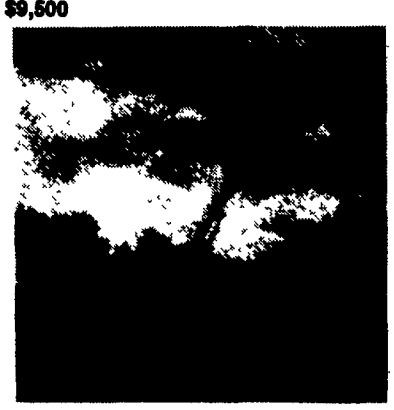

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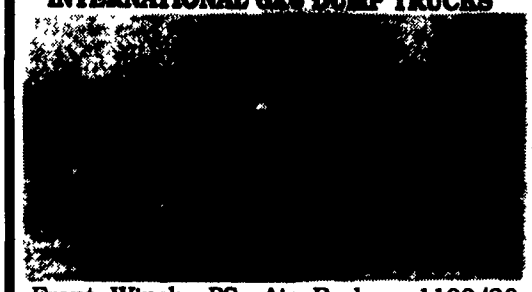

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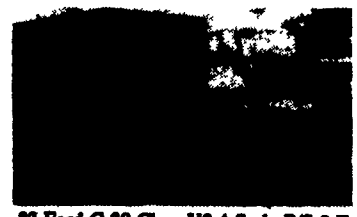

83 Ford C-30 Chev V8 4 Spd., P/S 9 Ft. Cattle Body: **$4250**
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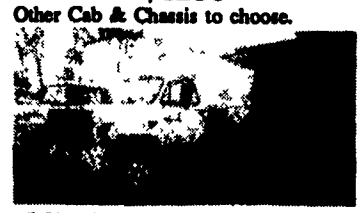

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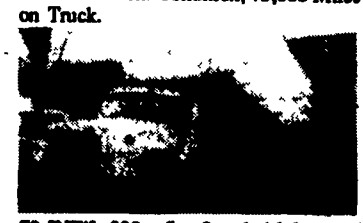

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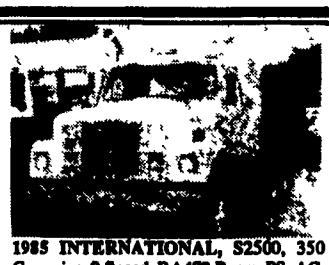
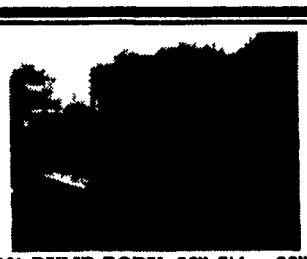


1985 INTERNATIONAL, S2500, 350 Cummins, 9 Speed, RA472 Rears, PS, AC, One Owner, New Paint, Very Clean $14,900



10' DUMP BODY, 28" Sides, 38" Ends, Half Cab Shield, 5/16" Floor, Coal Chute $1,250

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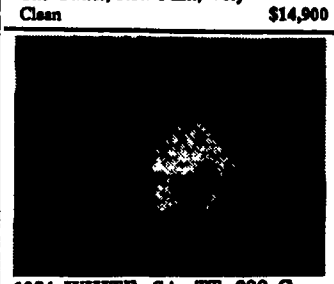
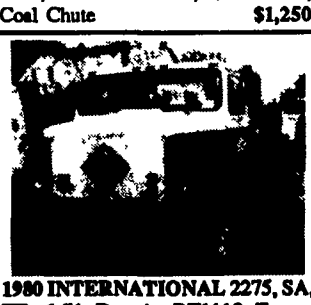


1984 WHITE, SA, TT, 290 Cummins, RT11609, R170 Rear, 22.5 Radials On Spokes, PS, Good Runner $7,500



1980 INTERNATIONAL 2275, SA, TT, 6-71 Detroit, RT1110 Trans., 23,000 Rear, PS, 22.5 Radials, Cheap Horse $6,900

1979 INTERNATIONAL S2275 TT 6V92T Silver, 9 Speed, RA355 Rears, PS, New Paint, Good Value $7,900

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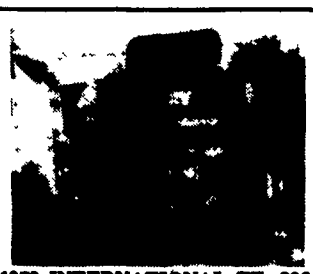

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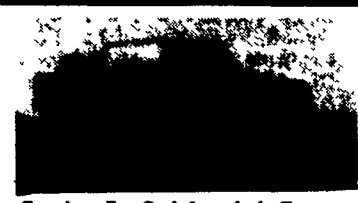

Coming In Quigley 4x4 Conversion 1994 F-350 Crew Cab 7.3L Turbo Diesel, Elec. 4 Spd. Auto, 4.10 Limited Slip Rear Axle, Camper Package, A/C, Speed Control, Tilt Steering Wheel, Power Door Locks/Windows, Red w/Gray Interior Stock #7819.

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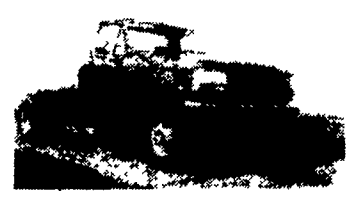
1994 F-450 SD Chassis Cab, 4x2, XL, 7.3L Diesel V8, 5 Spd., w/OD, 5.13 Rear Axle, 137 Inch WB, Red w/Grey, Vinyl Interior Stock #7838



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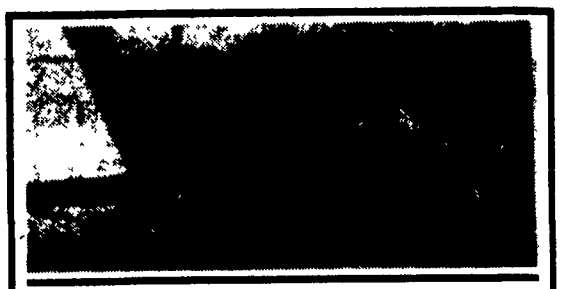

1981 F-800 16' Flat Dump,
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60,000 miles
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1989 Ford XLT F250 Super Cab, 460 Auto, PS, PB, PW, PDL, Cruise, Tilt, air, AM-FM Cass., Trailer Towing Package, Brown & Tan, 26,000 Orig. Miles, 1 Owner, Like New.
$13,500

1987 Ford XL F250 4x4, 351, Auto, PS, PB, AM-FM, Dual Tanks, 8,600 GVW With 8 Ft. Stake Body, 1 Owner, 42,000 Orig. Miles.
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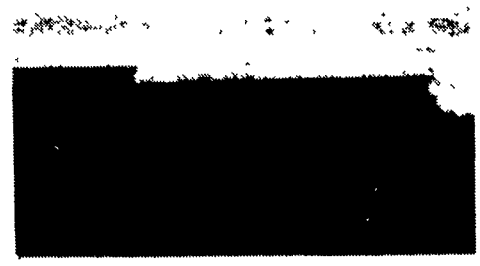

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1989 Dodge Grand Caravan LE V6, Auto, Loaded	$8,500
1988 Dodge Grand Caravan SE, V6	$6,400
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1988 Dodge Ram 350 Box Truck, V8, 5 Spd.	Call
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1986 Ply. Voyager, 5 pass., auto, air	$3,995
1986 Dodge Ram Panel Van, 6 cyl., auto	$3,900
1985 Dodge Caravan LE, 7 Pass., auto, air "Black"	$4,895
1984 Ford Step Van, 6 Cyl., 4 spd.	$2,500
1984 Mazda B2000 PU trk, 5 spd.	$1,250
1983 GMC 3500 Box Trk, diesel, refer, liftgate	$5,895
1982 Chev S-10 Longbed PU trk, V6, 4 spd.	$2,500
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16' Wood Floor with 40" Grain Sides	$2,275
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16' Hewey Aluminum Grain Body, 48" Permanent Sides and Dump Thru Tailgage	$4,995
18' Scott Silage Body, 60" Sides Hydraulic Tailgate	$6,350
Complete Hoist Packages	
RL-C20 7 Ton Hoist for 8'-12' Body	$1,180
RL-D40 10 Ton Hoist for 12'-14' Body	$1,487
KH1520L 14 Ton Hoist for 14'-16' Body	$1,723
RL-G70 19 Ton Hoist for 16'-18' Body	$2,387
Misc. Truck Equipment	
New Knapheide 9' Western Storage Body, Low Profile Service Body Designed for Pulling Gooseneck Trailers With Intregated Toolboxes & Bulkhead	$1,895
Truck Craft 8' Dump Body, Fits Single Wheel Full Size Pickup, Has 8' Toolboxes on Each Side with Dump Body Between, Electric Hydraulic Hoist	$2,195
8' & 9' Truck Flatbeds for Single & Dual Wheel Trucks, With or Without Gooseneck Compartment, Includes Bulkhead, for Ford, Chevy & Dodge	Starting $595
9' Knapheide Service Body, Enclosed with Work Platform on Top	$4,000
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1977 Jeep with New 8' Treated Wood Bed with Removable Sides	$1,495
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1974 Ford F750, V8 Gas, 5 & 2 Speed, Air Brakes, Runs and Looks Good, Take 16' or 18' Body	$2,295
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1983 IHC 404 Gas, 5 & 2 Speed, 20' Roll Back REDUCED TO	$6,800
1978 GMC Tandem, Cab & Chassis, V8 Gas, 5 & 2 Speed, 40,000# GVW, Air Brakes, Long Frame for 16' or 18' Farm Body Dump	$5,960
Bumper Pull Livestock Trailers	
6'x16' Express, 6'8" Inside Weight	$3,295
6'x16' Moritz, 7' Inside Height, 2 Slat Side	$3,595
6'x16' Renegade, 6'10" High, Fiberglass Roof, Deluxe Trailer	$4,295
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Used 5'x17' Horse Combo, Solid Trailer, Handy Man Special	$695
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Kiefer Built 6'x16' Renegade Gooseneck, 6' Dressing Room, Fiberglass Roof	$6,295
New Leftover 4 Horse Featherlite Aluminum Gooseneck, Sep Tack & Dressing Room, Call For More Info	Drastically Reduced $17,500
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5'x8' Hostetler Single Axle Utility, 18" High Sides and Tailgate, 3000# GVW Will Take Standard Pick Up Cap	$1,165
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8'x16' Hostetler/Knapheide Deck Over Trailer, 10000# GVW, Various Sides Available	$2,995
6'x12' Pace American Enclosed Cargo Trailer, 3000# GVW, Double Rear Doors	$2,550
Dump Trailers	
6'x10' Economy 5 Ton Dump Trailer, Electric Hydraulic Hoist, Electric Brakes, 24" High Sides	$3,295
Hostetler Contractor Dump Trailer, Truck Dump Body, Truck Dump Hoist, Heavy Duty Construction,	10' Model $4,995 12' Model $5,295
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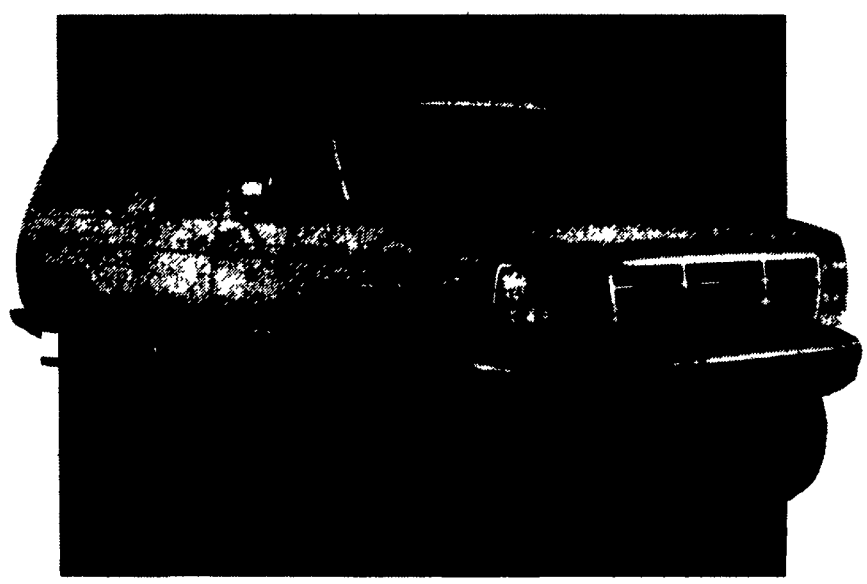

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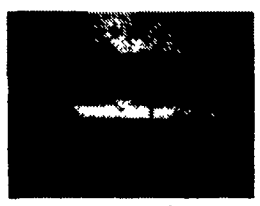

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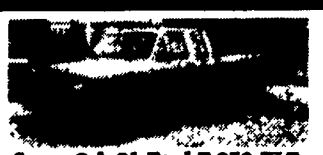

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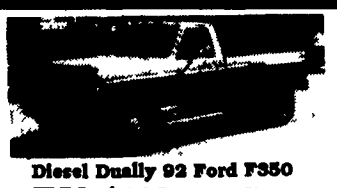
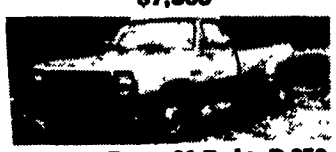
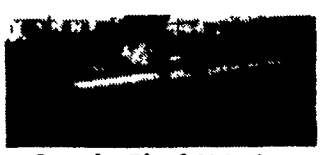


Diesel Dually 92 Ford F350
XLT Lariat A Beauty 7.3 Diesel, Auto, O/D, A/C, 4:10 Axle, Tow Pkg., Gooseneck Hitch

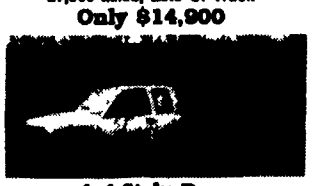
Canbover Dump 90 GMC
13,200 GVW, 10 Ft. Body, Auto, Turbo Diesel, 46,000 Miles



Awesome Power 91 Dodge D-350
Dually LE Model, Cummins Turbo Diesel, Auto, Tow Pkg.



Cummins Diesel 89 Dodge
250 LE Pulling Power
5 Sp. O/D 8600 GVW, A/C
Tow Pkg, 45,000 Miles



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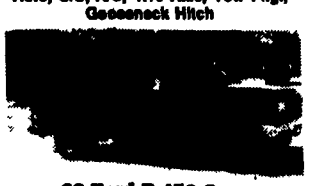
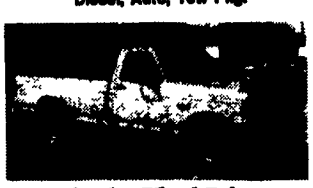
Only 5,800 Miles, 454 f.i., 5 spd., A/C, 9 Ft. Body, Fold Down Gooseneck Hitch

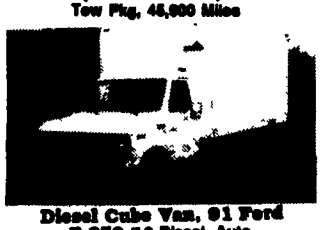


89 Ford F-450 Super Duty 36,300 Miles, Very Nice, 460 f.i., 5 Sp., O/D, 14,500 GVW, 9 Ft. Body

Diesel 4 Wheel Drive 89 GMC
2500 SLE Sierra, 6.2 Auto, A/C, Drives Like A Dream, Tow Pkg., 51,000 Miles



Diesel 4 Wheel Drive
89 Ford F-250 Heavy 8600 GVW, 7.3 Diesel, 5 Spd., 4:10 Axle, 32,000 Original Miles



Diesel Cube Van, 91 Ford
E-350 7.3 Diesel, Auto, Roll Up Door, New Inspection

A Beauty 90 Ford F-350
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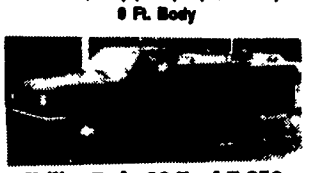
Strong 7.3 Diesel, Auto, O/D, A/C, Chrome Wheels, Custom Paint, Drives Like A Dream, 38,000 Miles



Utility Body 88 Ford F-350
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F-250 Diesel 90 Ford F-250
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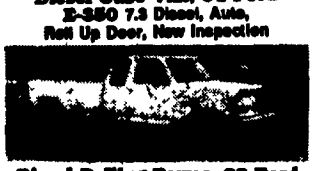
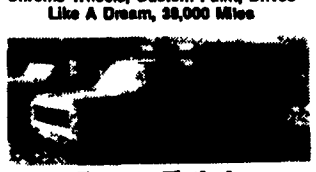
Diesel Crew Cab 4x4
82 GMC 6.2 Diesel, 4 Spd.
$3,600



Diesel Pulling Power, 83 Ford
XL Super Cab Dually 7.3 Diesel, 5 Spd., Tow Pkg., 4:10 Axle, 17,400 Miles



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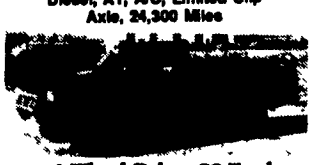
72 Chevy 350, 4 Spd., 12 Ft. Body, New Inspection

4 Door Diesel 92 Ford F-350 XLT
Lariat 7.3, 5 Speed, AC, Very Strong, Ready To Pull



4 Wheel Drive, 90 Ford
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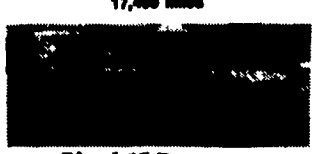

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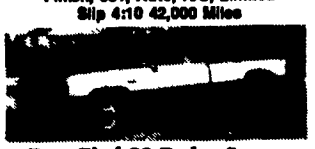
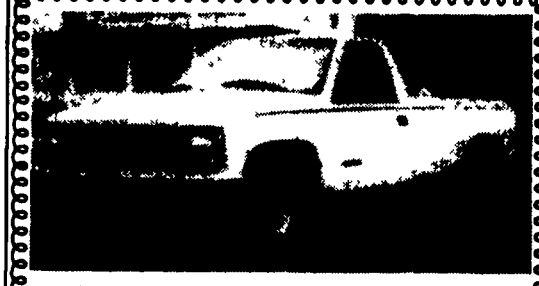
F-350 11,000 GVW, Short 137 WB, 460 V8, Auto, Dual Tanks, Also 86 In Stock

Aluminum Box
12 Ft., Storage Attic Swing Open Doors, Inside Tie Downs



Rare Find 92 Dodge Super Cab Dually Awesome Cummins Turbo Diesel Intercooler, 5 Sp O/D, Captain Chairs, Limited Slip Axle, 33,000 Miles



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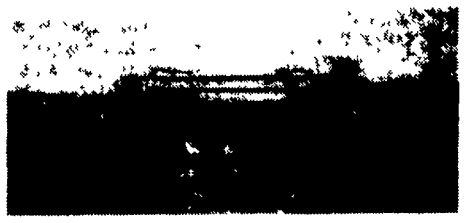

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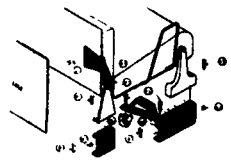

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1988 Jeep Comanche P.U. 4.0 6 Cyl., AT, AC, Beige, 65,300 Mi. $5,900
1988 Chevy C-70 Box Tk., 33,000 GVW, V8, 5 Spd., 2 Spd. Rear, White, 33,000 Mi. $9,800
1988 Ford Aerostar XL, 7 Pass., V6, AT, AC, CR, AM-FM Cass., Blue/Silver, 61,100 Mi. $6,900
1986 Chevy 20 Conv. Van, 7 Pass., V8, AT, Loaded, Gray/Silver, 75,000 Mi. $7,600
1986 Dodge Power Ram 150 P.U., 4x4, V8, AT, AM-FM Cass., Blue/White, 84,300 Mi. $4,900
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1980 American 46'x8'x13'6"
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1976 American 45'x8'x13'6"

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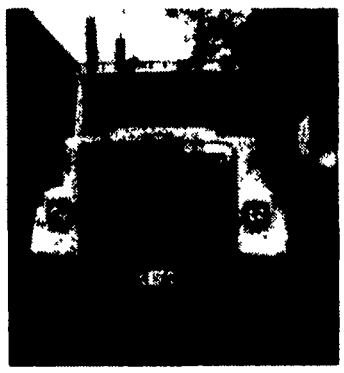

(1) '78 w/430 h.p. Detroit, 9 speed, wet line, A/C

(1) '79 w/290 Cummins, 9 speed, wet line

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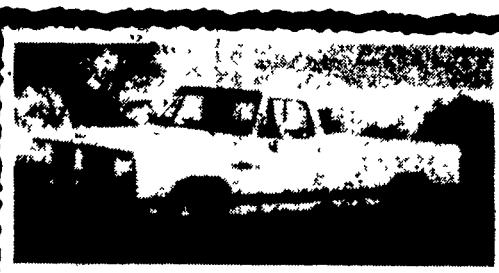

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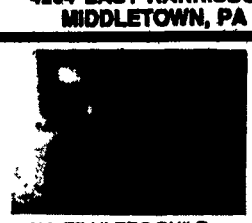

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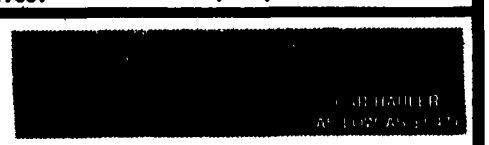

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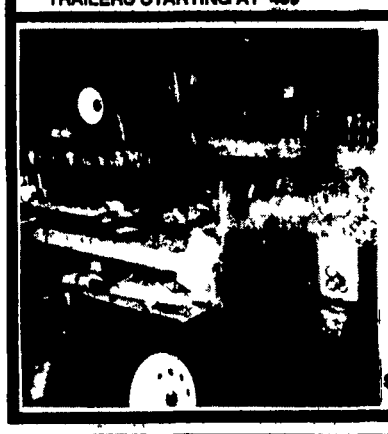

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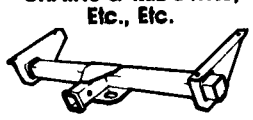

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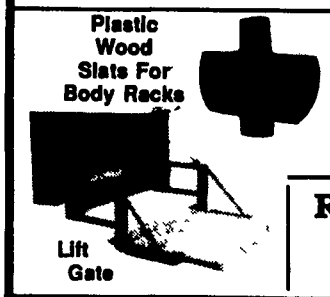

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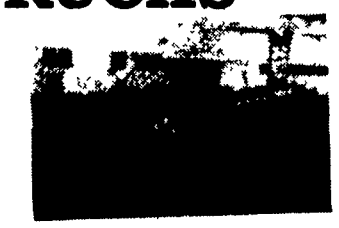

88 GMC SLE Sierra, 1500, 4x4, Ext. Cab, 350 F.I. Eng, At Old, AC, PDL, PW, Cruise, Tilt, AM-FM Cass., Dk. Blue, PA 1 Owner, 64,000 Miles
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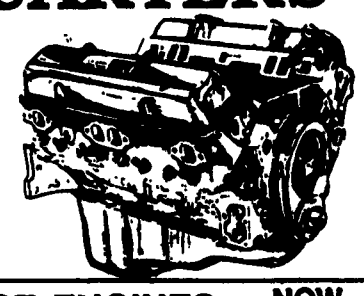

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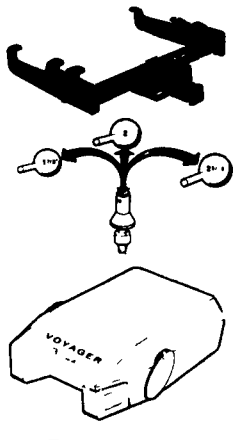

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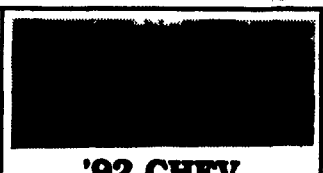

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15 Pass, AT, AC, 350, 20,000 Miles, Vinyl Seats #7800
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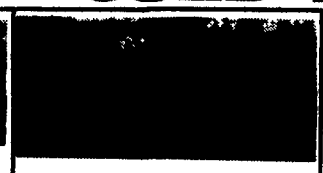

'89 GMC X CAB
Sierra Classic, 350, AT, AC, #7824
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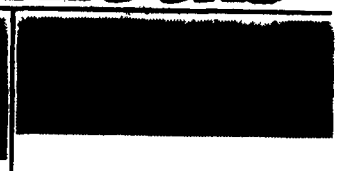
SALE **$10,900**



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AT, 350, AC, Cap #7860
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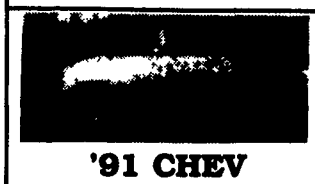

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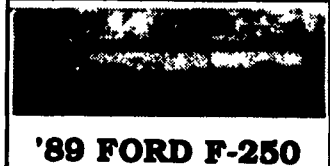

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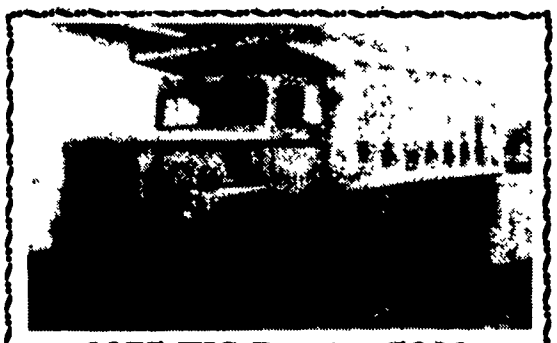

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1978 LN700 370 Gas, 5 Speed, P/S, Hyd. Brakes, 23,000 GVW 20' C&C, New Inspection
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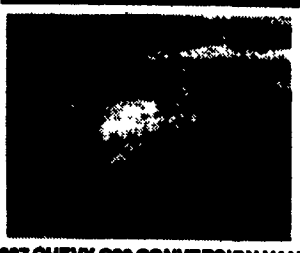

1987 CHEVY C20 CONVERSION VAN 350 Engine, AT, AC, Color TV, Cobra Conversion, CB Radio, 4 Capt. Chairs, 3rd Bench Seat, Raised Roof.
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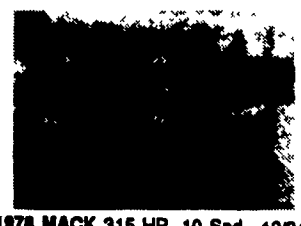

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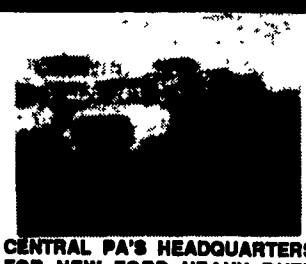

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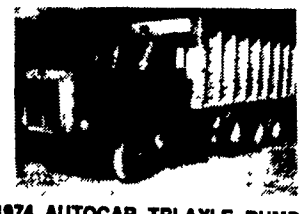

1974 AUTOCAR TRI-AXLE DUMP, 350 Cummins Engine, 13 Spd., 20,000 Front Axle, 46,000 Rear Axle, 18 Ft. Alum. Dump Body.
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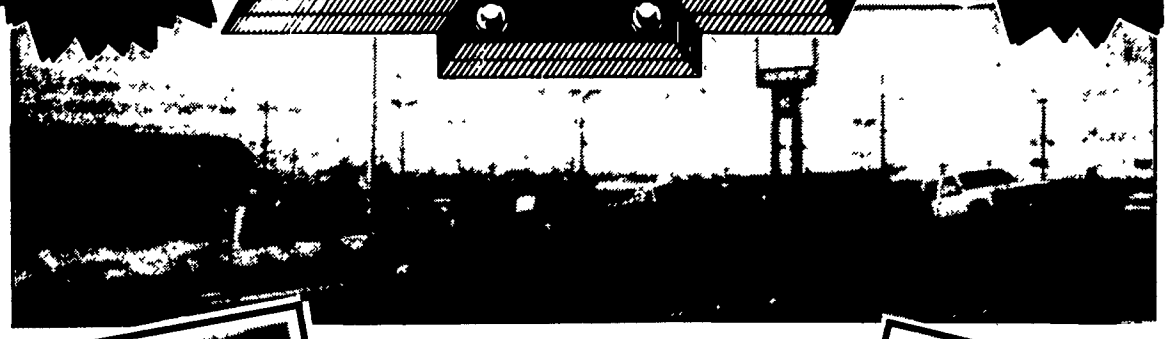

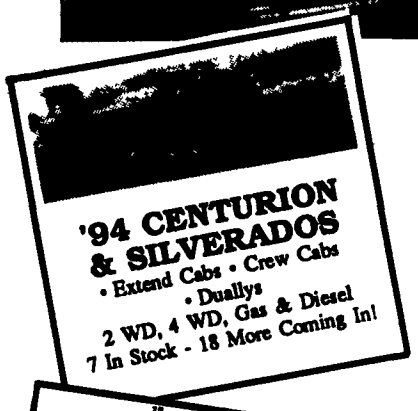

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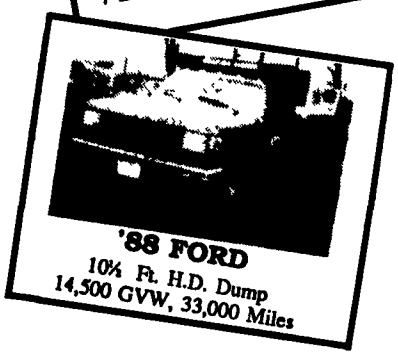
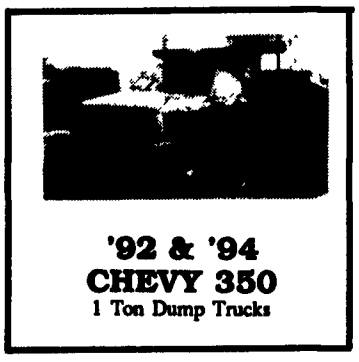


'88 FORD
10½ Ft. H.D. Dump
14,500 GVW, 33,000 Miles



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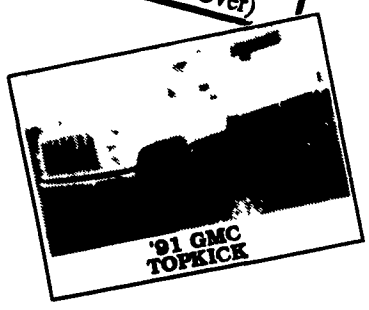
1 Ton Dump Trucks



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100+/- acre farm Ideal for a beef operation S.Fulton Co , PA 4BR home, PA bank barn, implement sheds Call Dave McLucas, J.E KELSEY REAL ESTATE 717-328-9494.

102 Acre Farm, York Co. 80A tillable, 50 cow dairy barn, heifer & horse barn, 2 silos, pond, 2 dwellings. Samuel K Stoltzfoos, 235 Quaker Church Road, Christiana, PA 17509.

$136,000 26 ACRE FARMETTE, LEBANON COUNTY, PA. Home has living room, kitchen, family room w/fireplace, 2 bedrooms, bath & laundry 26 acres, 22 acres tillable cropland Barn quansit hut 20x48 Call Nelson Ebersole at 717/867-4304 SUBURBAN REALTY 717/273-9358

8+A Farmette, 2½ story house, frame barn, pole barn Strasburg Twp., Lancaster, PA, $219,000 717/354-2587

Central PA Farmette. Morrison Cove Area. 13+/- Acre Farmette. Brick 2-Story Home, Barn & Outbuildings $179,000. RE/MAX RESULTS REALTY GROUP 814/946-9355w 814/696-9280h.

Deer Hunting land Southern Steuben Co , N Y 114 acres, 25 cleared, balance woods and brush land By owner, Ph 814-326-4188

Farm for sale, 375 acres, 10 room house, 62 stanchion barn App 200 acres tillable For more details call 814-326-4188.

Farmland Wanted To Rent: In Lancaster or York County. 717/872-9152, 717/872-4058.

FOR RENT: Bradford County, PA. 120 tie stall dairy barn, 20x60 silo, 20x40 Harvestore, barn cleaner, pipeline, 300 acres. $1200/mo. 717-297-5199.

For Sale: 142 acre farm, Montour County, $8000 per acre including buildings. (Farm machinery included if purchased by February 1, 1994) 717/275-3169.

Mennonite family wishes to rent farm in the Bethel, PA or Pine Grove, PA Area. Preferably dairy. (717)866-4919.

MODERN DAIRY BARN: Sale or possible lease purchase 40'x150' steel framed barn w/equipment. Clay milking parlor w/4 Zero units, 600 gal. bulk tank, 20'x70', 20'x34' Harvestore silos w/ unloaders, liquid manure systems, etc. Located NY Amish area, near Corning/PA line $39,900 w/5A. . more land available. Call 717-784-9022

One bedroom country home, 5 acres, all conveniences, totally remodeled, 40 minutes North of Harrisburg, partially wooded, hookup for mobile home also, $67,500 OBO (717)374-6142

RENT -FOR- RENT. Modern 52 cow barn, pipeline, Patz barn cleaner, 3 silos, calf/heifer barn. Available Spring of '94. Montgomery Co. (215)754-6961.

TIOGA COUNTY, PA: 84.6 acres, fair buildings. Write: Roger Smith, Box 234, RD 1, Mansfield, PA 16933, 717/724-2179 after 6:30pm.

Turn-key dairy operation, like new buildings and equipment, other farms and mountain ground available in MD and PA. Smith and Associates Real Estate, Jackie Provard, (717)762-8449, (717)597-8161.

Two farms for sale by owner in upstate NY, Ontario County, between Geneva and Hall. Farm No. 1 has 183 acres of work land Farm No 2 has 137 of work land The farms are connected and have well maintained two story country homes Farm No 1 has farm shop and 60' by 120' Morton building for storage Information packets are available by calling (315)789-9592 (evenings) or (315)365-2816 (days) or by writing Howard Hemminger, Jr , 3773 Savage Rd , Geneva, NY 14456

WANTED TO BUY: 200+ Acres of Farm Land within 40 Mile Radius of Lancaster, PA Must have Minimum of 20 Acre Level Ground. (717)653-5935

60 Acres Dairy farm for sale or rent. New Buildings, 40 Cow Stalls, Bulk Tank, Silos, Ready To Go. Apply To:

Daniel P. Kauffman
RD 2, Box 156
Honey Brook, PA 19344

FOR SALE BY OWNER

87 Acre Farm, 12 Room House, New Corn Barn, New Barn, 3 Car Garage, 35 Stalls for Cows or Beef Cattle, Stream Runs Through Meadow, Very Nice Farm, Dillsburg, Dover Area.

Call Marilyn Anderson Dillsburg
(717) 432-3433

For Rent

* 45 acre dairy farm, 40-50 cows w/milking parlor
* 42 acres w/40 stanchion barn.

Available 12/1/93. Would consider Amish couple. Both located Little Britian Twp., Lancaster Co.

Lancaster Farming R-32
P.O. Box 609
Ephrata, PA 17522

Bedford County Dairy Farm

140 +-Acres, dairy barn w/72 stanchions, new Westfalia milking equipment, 3 silos w/unloaders, Rissler TMR, manure pit, machine shed, beautiful home with 4 bedrooms, 2½ baths, 3 bay detached garage on this Dairy of Distinction farm.

Call 814/276-3538
814/276-3123

Two modern poultry houses w/large home located in Lebanon County. Situated on (2) 10-acre tracts. Only those w/a serious interest need inquire. For an appointment 717-865-5654.

WISCONSIN DAIRY FARMS, 30 cow to 150 cow, Up, Excellent Prices & Terms for Spring Possession Call now! L.L. STEWART, Realtors, 2007 Hogeboom, Eau Claire, WI 54701, 715/834-6664.

A Lifetime Experience In Agriculture
Residence (717) 291-9600
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113 ACRES Dairy farm with 98 acres tillable, stanchions for 51, excellent cropland. ML#80842. Call Mark at 717-464-4700.

Century 21 **AMERICAN HERITAGE**

Willow Street 717/464-4700
Quarryville 717/786-2131
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BEDFORD COUNTY FARMS

Working dairy farm 135 acres 75 tillable, 40 meadow w/stream. Included: pipeline, milk tank, gutter cleaner, silo w/unloader, machine sheds, four bedroom, one and half bath house. Paved road frontage near Schellsburg. Only $225,000. Cattle & machinery negotiable.

Stover/Slick, Inc Real Estate
814-224-2161 or 814/623-7009

70 acre Lanc. Co. Farm.

52 acre tillable, 12 ac. pasture, 50'x100' block barn w/bunk feeder w/attached implement and hay, straw storage, 44'x400' pullet or broiler house 2 story, 2 story 5 bedroom farmhouse, 30x90 block shed w/3 car garage.

717-664-2105

MOUNTAIN LAND FOR SALE

735 very secluded acres. Bordered on 2 sides by 18,000 acres of State Game Land. Electric on property. Located between Snow Shoe and Pine Glen, Centre County, Pa.

Please call 814-625-2617
Between 8 to 9 a.m.
or after 5 p.m.

MOUNTAIN FRESH AIR Comes with this 4.21 +/- acres level lot for great hunting, or you decide! ONLY $10,000. W-128

TWO FOR ONE! Remodeled home w/Orchard in Pine Creek Valley. New log siding & roof. Lg living Rm w/stone fireplace & pine paneling. Modern kitchen & more. $179,9000. W-895

OVERLOOK THE VALLEY - in the modified A farm on 55+ ac. 3/4 wooded w/trails new barn w/addition, pond, & gorgeous views. $180,000. W-939

ERA Homestead Realty
23 East Ave.
Wellsboro, PA 16901
(800)879-1590

TIOGA RIVER BANK - Just outside your camp door. 2 +/- Acres set deep in the woods and close to State Games Lands! Call Today... ONLY $16,500 M-695

ERA Homestead Realty
1 N Main St.
Mansfield, PA 16933
(800)429-3287

West Virginia, Calhoun County,

76 Acre farm, 2½ bedroom, 9-room house, possible 1½ story home. Drilled well, easy access, approx. 15 miles to I-79, 1 hour to state capitol. Small pond, spring, outbuildings, log barn, 15 acres open, 61 acres woods. Great deer, turkey, grouse hunting. Current total taxes $122/year. $87,500.

215/766-0393

FARMS
BEDFORD COUNTY

246 A dairy, 186 free-stalls, double 8 parlor.
228 acre livestock, bank barn, 2 silos
167 acre general, bank barn, double house
(Above 3 farms operated as 1)

156 acre UNDER CONTRACT

HUNTINGDON COUNTY
25 acre poultry, 36,000 turkeys/batch

John B Niesley Real Estate
4340 Crestview Road, Harrisburg, PA 17112
(717) 671-0655

Operating dairy, 60 cow barn, 2 stave silos, 35x70 equipment bar with hay storage, 150 acres, 100+ tillable, 4BR house only **$85,000.**

Perfect Hobby Farm 158 acres, 125 tillable, 40 cow barn with 2 addn. 3 other buildings, large 4BR home, with 4 car garage. **$79,900** *Owner financing with $25K down.*

292 acres for Farming or Development, approx. 1/2 tillable, balance woods and pasture, this parcel has been surveyed into (25) 5+ acre lots with (2) 80 acre executive lots. Roads and power are in, and sub-division has been filed. One mile from local high school. **$124,900** *Owner financing with $20K down.*

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Ogdensburg, NY 13669
(315) 393-6325

Harrisonville, Pa. $190,000
Fulton Co.
125 acre farm with barns, many out bldgs. nice modern home. Ideal for pigs or cattle.

Needmore, Pa. - $185,000
109 acre farm with 2 story modern home great privacy for pigs, poultry or cattle.

Needmore, Penna - $198,000
119 acre farm with partial new reno home barn, outbldgs, pond and ideal for cattle or pig operation.

Harrisonville, Pa. - $198,000
Ranch home with 50x200' steel bldg. good for horse operation-stream and privacy.

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Each Office Is Independently Owned
(717) 485-5911
203 LWE McConnellsburg, PA 17233
Call Ronald L. Richards, CRS-GRI
717-485-4103

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KENT COUNTY
* 233 Ac., 89.9 Ac. Till., Irreg. Pivot $235,000
* 89 Ac., 79 Ac. Till Home, Buildings $220,000
* 52.3 Ac., 37.8 Ac. Till. Nursery Stock or Veg. Nice Small Home $183,000

D/E
DAN ENTERLINE REAL ESTATE
Dover, Delaware
302-674-5544

CENTRAL VIRGINIA FARMS: Farms available from 5 to 500 acres, reasonable prices, very low taxes, farmer friendly communities, agricultural economy, free catalog.

State Wide Realty Co.
Farmville, Virginia
804-392-6163
Farms & Rural Properties
Low Prices, Low Taxes, Free Catalog

SCHUYLKILL COUNTY, PA

Approx. 170 Acre Nursery and Christmas Tree Farm. Turn-Key Operation-Complete. Since 1946. Quality known nationwide

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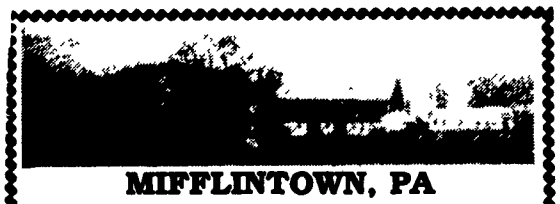

MIFFLINTOWN, PA
Area 218½ Ac. Dairy Farm
Approx. 130 TILLABLE ACRES
1000 gal. milk tank, 34 comfort stalls, pipeline, loose housing barn, heifer barn, 40x80 equipment barn, **16x50 & 20x60 Star Silos,** 8 room good 2½ story 1½ bath home. Excellent spring. Mennonite schools nearby, short drive off 322. Nicely located, handy to everything.

Call Carl Diller at
KINGSWAY REALTY
717-569-8701
Res. 717-464-2233

150 Acre POULTRY FARM
equipped for 59,000 broilers 4 BR brick ranch house, bank barn, machine shed, 90 tillable & 60 woodland. Beautiful view of the Susquehanna River, Snyder Co. $350,000 owner-financing.

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LEBANON CO. - Farm - 24 acres - 12,000 layer bldg. $17,000 annual gross. 5 BR house, barn and other buildings #3816 $199,000.

NORTHERN LEBANON CO. - Great for horses. Home, barn and chicken house. Multiple uses. 33+ acres. Some owner financing. $395,000. #3802.

FARMETTE: Northern Leb. Co. - 9 room house, att. summer house. Bank barn, sheep shelter & veal buildings plus more. 10 acre picturesquely set farm. #4018 Only $182,500.

SOUTH LEB. CO. - 15 plus acre farmette. Restored stone home, immaculate condition. Bank barn, room for horses. $395,000 #3798.

Century 21

Krall Real Estate
1402 Quentin Road
Lebanon,
Pennsylvania 17042
(717) 273-1631 or
1-800-537-1575

ERA **BASHORE REAL ESTATE, INC.**
Phone 717-436-2151

Commercial hog farm for sale in Juniata County. Approximately 40 acres land with three large hog buildings, a storage building, a bank barn, a Chesapeake Bay approved manure plant, two mobile homes, and a small ranch house.

CALL FOR DETAILS

Reduced For Quick Sale
Great Opportunity

AMISH DAIRY FARM

* All NEW Buildings 1987
* 40 Tie Stalls, 735 Gal. Bulk Tank
* 5 Bedroom House
* Heifer Stalls, Horse Stalls, Corn Barn, Manure Pit
* 2 Silos
* 63 Ac. & 10 Additional Tillable Acres No Cost

Ready To Move Into - Its All Here - Located Just East of Lancaster Co Line.

CENTURY 21 Wagner-Hatton & Associates
Investment properties - Tax exchange opportunities for any buyer or seller

Ken Rutt	Farm Specialist	Ray Stoltzfus
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CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the November 27th or October 30th issues for a complete farm and farmette inventory

Farm and Land Division

Fred Strouse	(814) 364-1705
Mel Rockey	(814) 466-6688
Terry Gingher	(814) 364-1169

KISSINGER LEONARD & BROWER Realtors

245 S. Allen St.,
State College, PA 16801
(814) 234-4000
1-800-876-3395

BEDFORD COUNTY Remodeled seven room farmhouse on 3.2 acres with stocked stream running through property. Good hunting & fishing area on state road near game lands. $40,000. Additional 53 acres available for $1,000 per acre.

Call Robert at
ROBERT T. COATES, REALTORS
717-291-1542 Daytime
717-768-3896 Evenings

OWNER SALE
Southwest Wisconsin

180A farm, 135 tillable, 45 stanchion w/ Patz cleaner, DeLaval 2" pipeline system, 6 units & 1000 gal. tank. 20x80, 20x50 Harvestores, 16x50, 20x60 cement silos, 2 feed bunks, reversable conveyor to bunks and inside barn. 30 free stall plus open housing. (2) large machinery buildings, full growing season. Remodeled 8 room home including 4 BR, new kitchen. This farm is especially clean and ready for occupancy spring of 1994. Offered at $1700/per acre.

608-988-4213

Chester Co.

60 Acre Amish Dairy farm, new buildings, 48 acres tillable, near Parkesburg, $475,000.

Franklin Co.

50 Acre Hog Farm, 4 bedroom house, bank barn & outbuildings, 2000 head finishing unit, 3 years old, priced at $360,000.

Montour Co.

140 Acre Amish farm, 90 tillable, 50 cow barn, 3 silos and a double house. $385,000. Could also be bought with only 90 acres.

Call Harry Zimmerman
Office: 717-299-4885
1-800-472-2641
Car: 717-575-2542
TOWN & COUNTRY REALTY

A windmill can keep your pond full of fresh water and look good turning in the breeze while it works for you. We have them in stock for pickup or we deliver. We install or you install.

O'Brock Windmills
9435 12th Street North Bentlen, Ohio 44449
(216) 584-4681
Send $2.00 for our complete catalog

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87 Acre Dairy, [illegible] one soil, springs., Yellow Breeche[illegible]lling. Call Charles..
SOLD
FRANKLIN COUNTY
102 Acre Gener[illegible] soil 5 BR masonr[illegible] N.W. of Shippensburg. Call for [illegible].
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Wilbert Diehl 776-7707
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
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36 REAL ESTATE

Eastern Iowa FARMLAND FOR SALE

All types and sizes for the farmer, and good returns for investors.

Caraway Realty, Inc.
501 E. Quarry,
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PERRY COUNTY SMALL FARM

House with all conveniences, frame bank barn. Perfect for horses, steers or selling your own home-grown produce at the farm, along a busy highway.

We need farms of 100 acres or more for qualified buyers.

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734 Main St., Akron, PA 17501
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(717) 529-2678
Marlin I. Kreider
(717) 627-8244

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61 ACRE FARM

Beautiful setting in Perry Twp., Berks Co. East side of Zion Church Rd. consists of approx. 25 acres of land w/ stream, 2 ½ story covered log farmhouse, w/2 large fireplaces, dwelling needs to be completely remodeled, stone and frame bank barn and other out bldgs. West side consists of approx. 35 acres of mostly tillable w/ class II & III soils. East & west side could easily be divided.

UPPER TULPEHOCKEN TOWNSHIP BERKS COUNTY

72 acre farm 2 miles north of Bernville. 2½ story stone farmhouse and 36x64 bank barn. 50 acres tillable, 20 acres of woodland and pasture, rolling terrain, stream fed farm pond. Call for more information. $272,000.

HORNING FARM AGENCY, INC.
(215) 286-5183

Lancaster County: 53 Acres private and quiet, rolling land, wooded and approx. 20 A. tillable. Minutes to trnpk. entrance. North East Area. $210K, ALSO Pequea Twp. 37 1/2 Acres mostly tillable w/stream, ideal farmette/ homesite. $194K, ALSO Conestoga Area/Pequea Twp. 5.4 Acres Rural country home site, quiet and peaceful, just off Rt. 324, asking $62K. For details, plot plans, *call Agent*, **Randal Kline** at

Kingsway Rlty.
717-569-8701
or
717-733-1006

MALONE, FRANKLIN COUNTY, NEW YORK VEGETABLE/POTATO FARM OR DAIRY FARM

1200 Acres w/700 tillable acres, 500 wooded, 77'x177' pole barn w/ loading dock containing 45'x55' refrigeration cooler; repair shop, fertilizer storage w/4' concrete containment walls, tools, and equipment buildings, quonset building, dairy and calf barn w/attached 96 head free stall, 4 large forage silos, 3 steel grain silos.

All tillable land in use, growing mostly spinach & cauliflower, and some field corn; 4 bedroom single family home with modern kitchen and inground pool; 2 bedroom mobile home. EXCELLENT MULTI-PURPOSE PROPERTY.

Ideal for various vegetables. Property can be subdivided, ideal commercial campsite location bordering Trout River. Asking $475,000.00, possible financing. VCR tape available.

For Details Call Century 21 Fleury Realty
Malone, New York 518-483-4000, or
Jerry Shulman Produce Shipper, Inc.
Port Jefferson Station, NY 1-800-645-7776 All States

WIMPLE ASSOCIATES

NEW FACILITIES FOR 250 HEAD: 550 acre farm with 260 acres tillable in large fields. New 98 cow free stall barn with room for 150 head has 2x6 Boumatic parlor, computer system, TMR system, 2 large silos. Parlor has ATO's and 3" lowline. Two 50 stall barns with cleaners. Very good 10 room home. Untimely death in family causes sale at $395,000.

REAL CUTE STREAMSIDE FARM: 52 acres with 34 tillable and 15 woods. Fenced. Well-built 8 room Early American home with new bath, pine floors and beautiful views from front porch. Very good 48x57 barn has room for 9 horses and 9 cows. Insulated 16x30 shop with woodstove set-up. Near Pennsylvania border. *JUST LISTED!* $75,000

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Real Estate Sales - Management - Appraisals
"ESTABLISHED 1955"
*BRAND NEW FREE DAIRY CATALOGUES
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SLOANSVILLE N.Y. 12160
(518) 875-6355
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FARM - HUNTING LAND - SMALL BUSINESS COUNTRY HOME
JUNIATA COUNTY, PA
60 MILES WEST OF HARRISBURG

GENERAL FARM, 65 acres, 44 tillable, 4 bedroom 2 sty dwelling, large bank barn, ideal for swine or turkey operation;
ESTABLISHED LAWN & GARDEN BUSINESS w/3700 sq. ft. sales & shop building, mobile home, 1½ acre;
COUNTRY BUSINESS POTENTIAL, 12,750 sq. ft. in 3 buildings, 2 bldgs. heated & air conditioned, no dwelling, 0.88 acre;
COUNTRY HOME 2¼ acres, 3 bedroom ranch, huge 3 car attached garage;

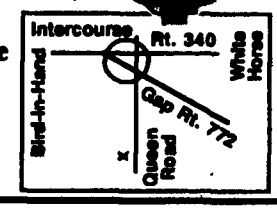
HUNTING LAND
2-81 acre tracts, BORDERS STATE GAME LANDS, poss owner financing;
55 Acres, stocked trout stream, near STATE LAND, poss owner financing;
15 acres, mt. land, good deer hunting;
For more information or brochure, contact;
LARRY LONG REAL ESTATE
717-527-4784

FOR GARAGES, HORSE BARNS, GAZEBOS, STORAGE BARNS, COMMERCIAL BUILDINGS, ETC.

Cupolas and Weather Vanes

REDWOOD BIRD FEEDERS

MANNIE'S WOOD SHOP
58 Queen Rd (¼ mile S. of Intercourse)
Gordonville, PA 17529
Ventilate and Decorate
Cupolas Manufactured & Custom Built



COME & SEE OUR INVENTORY ON DISPLAY

NEW LISTING - YORK CO.
93 Acres (82 T.A.) Dairy Barn, w/44 tie stalls and 2" S/S pipeline, 2 silos, plus bank barn for young stock, soil in high state of cultivation, beautiful 2½ story dwelling, very good buildings, only $315,000.

LANCASTER COUNTY
For Sale: 305 Ac. Estate w/large hog operation, prime limestone soil, 2 dwellings. Call for details.

NEW LISTING - UNION CO.
90 Ac. Dairy Farm - high state of cultivation, limestone soil w/stream, equipment shed, 4 silos w/unloaders. 33 comfort stalls w/pipeline. Very nice 5 BR frame dwelling, modern bath and kitchen. Also 26x40 1-story store. Call for details.

NEW LISTING - LEBANON CO.
48 Ac. General Farm fronting on Rt. 22 and on Airport Rd. 400 Ft. Deep Commercial Along Rt. 22 - balance agricultural. 3 BR frame 2-story house. Frame bank barn in fair condition. Near Farmer's Wife restaurant. Good for contractor. $220,000

NOTE: We have an out-of-state invester, if you have a picturesque farm (dairy or general) you would consider selling in Lancaster or Lebanon County - even sell and lease back - give us a call, LET'S TALK!

MAHLON OBERHOLTZER AGENCY
Your Central PA Farm Broker
Smoketown PA 17576 (Lanc Co)
717-392-1[illegible]

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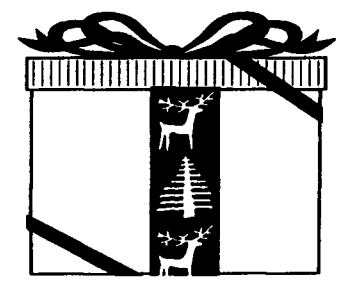
1. **34 ACRE PRIVATE SETTING** with approved building site. Entire parcel tillable. Great Kent County location. **$143,500**
2. **HUNTER'S PARADISE.** 85+ acres on Langford Bay - 1400' of shoreline, 5 acre tidal pond, tenant house, out building, additional perc. **$685,000.**
3. **113 GENTLY ROLLING FERTILE ACRES,** 66 tillable - Magnificent 3 BR, 2½ bath log house overlooking one of 2 large ponds. Private, plenty of room for horses, cattle, etc. **$635,000.**
4. **GREAT HUNTING FARM** with subdivision potential - 3 approved perc sites. 3 acre pond - 90 acres - 5 miles to Chestertown. **$325,000.**
5. **BEAUTIFUL 100 ACRE FARM,** 67 acres tillable, balance woodland. Cottage and outbuildings situated on small pond. **$249,000.**
6. **328 ACRE FARM** near Millington Wildlife Refuge. 168 acres tillable, balance woodland. Existing pond. Offered for $1325 per acre.

COPPER BARROLL REALTY
Chestertown, MD
410-778-0330



Lancaster Farming

HOLIDAY ADVERTISING SCHEDULE

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
DEC. 20	DEC. 21	DEC. 22	DEC. 23	DEC. 24	DEC. 25
PUBLIC SALE 12 Noon ROP ADV. 5:00 PM	CLASSIFIED FARM EQUIPMENT & ETC. 5:00 PM	EARLY DEADLINE FOR HOLIDAY	PRINTING AND MAILING DATE	HOME DELIVERY DATE	MERRY CHRISTMAS
DEC. 27	DEC. 28	DEC. 29	DEC. 30	DEC. 31	JAN. 1
PUBLIC SALE 12 Noon ROP ADV. 5:00 PM	CLASSIFIED FARM EQUIPMENT & ETC. 5:00 PM	EARLY DEADLINE FOR HOLIDAY	PRINTING AND MAILING DATE	HOME DELIVERY DATE	HAPPY NEW YEAR
JAN. 3	JAN. 4	JAN. 5	JAN. 6	JAN. 7	JAN. 8
PUBLIC SALE 12 Noon ROP ADV. 5:00 PM	CLASSIFIED FARM EQUIPMENT & ETC. 5:00 PM	EARLY DEADLINE FOR PA STATE FARM SHOW	PRINTING AND MAILING DATE	HOME DELIVERY DATE	FARM SHOW OPENS

1. **Western Berks County**
Hidden Acres
77 Acres M/L with open fields, meadows, and woods along the Tulpehocken Creek, ideal for trails and paddocks.
Bank Barn (Hay Storage) 2½ Story Frame House
20 Box Stalls 2 Wash Bays
80x100 Indoor Riding Arena Outside Exercise Area
Breaking Ring
All set back in a pleasant lane hidden from the traffic.
Call Tressie Caton at 215-376-4450.

2. **6½ Acres Tract of Land**
(West Side) Berks County
Mostly Meadow w/Stream
2½ Story Frame House (No Central Heat & Outside Privy)
Old Saw Mill
A Large Spring Enclosed

RICH BRANDT FARM REAL ESTATE
2033 Penn Avenue, West Lawn
Reading, PA 19609
(717) 274-3622 - office - (215) 678-1122
FAX: 215-678-8158

TO SELL FARMS IN EASTERN PENNSYLVANIA CALL
HERSHEY FARM AGENCY, INC.
Thomas L. Hershey, Realtor Associate
Hiram Hershey, Realtor/Broker
1-800-346-0505 (PA only)
215-287-8888

NORTH CENTRAL PA

Views are absolutely gorgeous from this very elite horse farm in Tioga County. 34+- acres with a beautiful 4400 sq ft ranch style house. Horse barn with stalls. Many many extras to numerous to mention. Quality thru-out. $271,900 #1283

189 Acre Nice Secluded Operating Dairy Farm in Northwestern Tioga County. Nice 20 yr. old 3 bdrm ranch style home, good 75 stall barn with many extras included. Nice views, all this for only $199,000 #1274

148.41 acres 40 ac. open land, bal. wooded, exc perc site, Jackson Twp., asking $120,000 #1241

Koch REAL ESTATE AND INSURANCE
9 Cone Street
Wellsboro, PA 16901
717-724-3500

Heyworth Realty

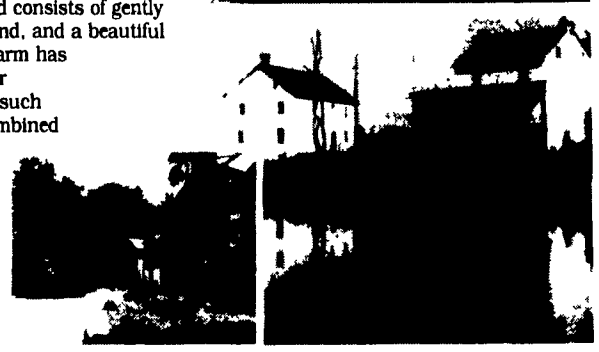
29 acs Farm. Fronting on 2 roads. Machine shed, bank barn & silo. 2 story 8 rm 1 ½ bath home in excellent condition. 3 car garage. Mins from Rt 11 & I-81.

65 ac ranch ideal for horses/cattle. Pasture & riding areas fenced; indoor riding arena. 4 stall horse barn & tack room. Morton cattle barn, machine shed & work shop. Brick Western style rancher. Owner financing to qualified buyer.

Call Larence Stouffer
301-733-3701 or 717-597-2584

Dreamfield Manor
960 Acre Country Estate

Just 35 Miles from Philadelphia



A rare opportunity to own a beautiful private valley. This one of a kind farm features a traditional English Manor entryway to the main set of buildings passing between the gate house and stone bank barn and over 2 stone bridges to an exquisite stone manor house circa 1703, with 6 bedrooms & 3 huge stone fireplaces. There is also a large Federal brick manor house. In total there are eight farm houses, four of which are stone, and two large stone bank barns. The land consists of gently rolling fields, woodland, and a beautiful stream valley. This farm has excellent potential for equestrian activities such as fox hunting or combined training. Secluded yet close to a PA Turnpike interchange and Interstate 78 (the owner may consider dividing) $6 5 Million.
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Lancaster County
103 Acre steer farm located in Rapho Twp. near Mount Joy Boro. It has 1,000 feet of road frontage on Lefever Road. The 2 ½ Story stone farm house is set up for 2 families. Outbuildings include a large pole type implement shed. Soil is Hagerstown Silt Loam. This is an excellent farm. **$774,000.**

Tioga County
A Dairy Farm on 131 acres, 76 acres tillable, 35 acres pasture with stream and pond, 20 acres woods. Soils consist of Morris Gravely Silt Loam and Norwich Silt Loam. It includes: 40'x80' frame bank barn with 44'x52' concrete block addition for dairy with 59 chain tie stanchions, 4' wide by 68" long with some rubber mats, and gutter cleaner, 4 unit DeLaval Milker, 560 gal. milk tank, 18'x60' concrete stave silo with Jamesway Ring Drive Unloader, 12'x45' wood silo (8 ton bulk feed bin), 18'x26' room at silo with 2 box stalls, 20'x50' heifer shed with concrete floor, 30'x60' implement shed, 2 wells and spring. 2 ½ story frame 3 bedroom dwelling in very good condition and a 1978 14'x70' mobile home with 2 bedrooms and 2 full baths. **$189,900.**

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Horse Barn
Excellent farm for raising produce

NITTANY VALLEY, CLINTON COUNTY
100 acres, 70 acres tillable, good stream
Dairy barn with 35 stanchions, 600 gal. bulk tank
11 box stalls for horses, 2 silos, manure pit
Large house with attached store with permit for home occupation. **MAKE OFFER!!!**

SUGAR VALLEY, CLINTON COUNTY
150 acres, 80 acres tillable
Dairy barn with 36 stanchions, 600 gal. bulk tank
4 silos, excellent house and buildings
Owner has purchased out-of-state farm. MAKE OFFER!!!

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Good operation for pigs and produce
House and outbuildings

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BEDFORD COUNTY
• 152 Acres M/L, 102 Tillable, 15 Acres Pastureland, 35 Acres Woodland, Gently Rolling Ground. 2 Houses, #1- 2-Story 4 Bedroom, Modern Eat-In Kitchen, Living Room, Dining Room, Full Basement; #2- 1-Story, Full Basement, Patwell House, 3 Bedrooms, Modern Kitchen, Dining Room, Living Room, Breezeway. 80 Cow Free Stall Barn, 120' Long x 45' Wide, 50x60 Barn w/28 Stanchion, Universal Pipeline w/6 Milkers, Automatic Washer, 1000 Gal. Mojonnier Bulk Tank. 3 Silos: 20x68 Poured Concrete w/Jamesway Unloader, 16x50 Stave Silo w/Acorn Unloader, 12x40 Concrete Stave Silo. 14x20 Garage And Workshop, Grain Storage & Double Corn Crib, 2 Car Garage Below. Add'l. Oversize 2 Car Garage. $220,000

• Downtown Everett modern restaurant with 90 seat capacity, salad bar and all up-to-date kitchen appliances. 2nd floor, 9 apartments. 10 motel rooms. 1st floor, 4 efficiency apartments with 2 motel rooms. Also, large living quarters, LR, 2BR, 1½ baths. Hot water heat. 250 x 255 lot. Large parking lot adjacent. $295,000

BERKS COUNTY
Bally, Commercial Property, 4 Apartments, Paved Lot, 12,000 Sq. Ft. Parking Space, 2 Story Block, Stucco And Frame Building, Video Store On 1st Floor. 1st Floor, 2BR, LR, Modern Kitchen Apartment. 2nd Floor, 2 Apartments, 1BR, LR, Modern Kitchen. Basement Houses Commercial Washer/Dryer, Plenty Of Storage Space. Very Good Income Producing Property For Only.....$225,000 Or $190,000 Without Video Equipment.

TIOGA COUNTY
• 182 acres m/l dairy farm, 53 tie stalls with 2- 16x55 concrete stave silos, shop 30x30, horse barn 30x52, 2½ " S.S. pipeline milkers, 500 gal. bulk tank, bull pen, heifer barn. 2 story frame house with aluminum siding, "big" modern farm kitchen with solid oak cabinets, LR, DR, laundry, office, wall to wall carpet throughout, 3 BR, 2 full baths, plus attic, $200,000. Cattle, Machinery At Extra Cost.

UPPER MONTGOMERY COUNTY
• 80 Acre Mill/Farm w/Road Frontage, Features 76,000 Bushel Storage Grain Elevator, Dryer, Tractor And Trailer Scale, Mill And Large Heavy Storage Barns. Stone Double Farmhouse, $625,000.
• House For Sale: Lot Size 1¼ Acre, Ranch, Frame Construction, Electric Control Heat, Water & Sewer On Site, Residential Zoning, Upper Perkionen Schools, LR 12x18, DR, 10x9 Eat-In Kitchen, Full Basement, w/Wood Stove, Master Bedroom 12x13, 3BR's, Full Bath, 24x4½ ' Above Ground Pool w/Deck, 2 Car Oversized Garage, Horse Barn, 3 Stalls, $152,900.

MONTGOMERY COUNTY
•60 Acres M/L, Large Frame & Stone House, Stucco, 4BR, 2 Baths, Very Modern Eat-In Kitchen, WW Carpet, Lg. Living Room, Mud Room w/½ Bath, Canning Room, Concrete Basement w/Cast Iron Hot Water Heat. 40 Acres Tillable, 20 Acres Pasture, 10 Acres Stencel Fence. Large Bank Barn, 34 Stalls, Bulk Tank, 2 Silos, 6½ 'x50' Corn Crib, 50x70 Shed, 12x30 Calf Barn. $240,000. Farm Is Sold Under Farm Preservation Rights.

LEHIGH COUNTY
• 100 Acres M/L With 1 Mile Road Frontage, 2½ Story Frame House, Eat-In Kitchen, Lg. LR, DR, Center Stairs, Bath & Laundry, 5BR, 2 Full Baths, Attic For Storage, Wood/Coal Baseboard Heat. Barn With 36 Stall Pipeline Milking, 800 Gal. Bulk Tank, Barn Cleaner, 90 Free Stalls w/Concrete Apron w/Push Off Ramp, Storage Shed 20x60, 3 Car Garage w/Top Floor Apartment Possibility. 3 Silos, $950,000. Cattle And Farm Machinery Can Be Purchased At Extra Cost.

BRADFORD COUNTY
• 448 Acre Dairy Farm, 425 Tillable, 176 Free Stalls, 6 Computerized Feeding Stalls For High Protein, 125 Stall Heifer Barn, Double 8 Milking Parlor With Automatic Take-Off, (2) 1000 Gal. Bulk Tank, (2) 100' Bunk Feeders, (2) 24x60 Silos (1) 20x60 Concrete Silo With Unloaders, Grain System For Extra Feed, Computerized Feeding System Mixing Wagon With Scales, 4BR House, Modernized Kitchen, LR, Den, Office, Laundry, 1½ Baths, 2nd Home.. 3BR, Bath, Eat-In Kitchen, 1 Car Garage Attached. H/W/O Heating System In Both Houses. Spring Feed Pond, Gravity Flow Slurry System For Large Slurry Pit With Agitator & Loader, Heated Repair Shop, Calf Barn, 3 Car Garage, Generator Back Up System For The Whole Farm. $797,500.

Cattle & Equipment Extra 168 Milking Cows, Include 350 Head Of Reg. Cattle, Herd Avg. 19,750 Lbs. Lot Stock & Barrel Price, $1,250,000.00.

• Canton Area - 1.2 Acres, House Trailer, 14x70, 1BR, Eat-In Kitchen, Large LR, W/W Carpet, Large Addition 20x24, 2BR, Family Room, Outside Shed 20x35 Used As Garage, Open On 1 Side, Pond, Wood/Coal Heating System, Forced Hot Air. Excellent Shape, Remodeled All For $40,500.

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CLINTON COUNTY

#7405FB 80 ACRE HORSE FARM, ROTE AREA - $269,000
* Approximately 31 acres tillable, 9 acres pasture, 36 acres woodland, 4 acres site, ponds, misc.
* Buildings include a 2 story frame home, a 30'x50' horse barn, a 10'x21' storage shed, and a 29'x30' open shed.
* This property features two ponds, a nice view, good hunting, and is well suited for horseback riding.

MONTOUR COUNTYA

#6161FA DAIRY FARM LIMESTONEVILLE AREA, $260,000 OPTION 1 (OPTION 2 $325,000)$395,000 OPTION 3 NEW PRICES ADJUSTED PRICES
* 50 acres w/48 acres tillable, 2 acres site (Option 1)
* 97 +/- acres w/90 acres tillable, 5 acres woodland, 2 acres site. (Option 2)
* 124 acres w/117 acres tillable, 5 acres woodland, 2 acres site (Option 3)
* 2 story stone & frame home w/main living area and 2 apartments, 67 tie stall dairy barn, 35'x126' heifer barn, 20'x70' & 20'x72' silos, lagoon manure system, milk house outbuildings, good facilities.
* Located in an excellent agricultural area, very well maintained, limestone soil.

CENTRE COUNTY

#7400FB 22.5 ACRE FARMETTE, PORT MATILDA AREA - $124,500
* 2 acres open, 18.5 acres woodland, 2 acres site
* Buildings include a comfortable 2 story frame house, a 20'x40.5' garage, and a 40'x50' bank barn.
* This property is in a nice rural setting, and has small stream frontage and a pond. An ideal property for the sportsman.

#7405FB 16 ACRE FARMETTE, CENTRE HALL (COLYER) AREA - $235,000
* Approximately 3 acres clear, 12 acres wooded, 1 acre site.
* It features a unique 3 bedroom home with a loft and workshop. Immaculate condition. There is also a 32'x40' pole shed.
* This property features has a nice rural setting with the house situated away from a secondary road in a secluded setting.

#7371FB 12.5 ACRE FARMETTE W/STONE HOUSE, GATESBURG AREA, ~~$175,000~~ REDUCED TO $169,500
* 10.5 acres open, 2 acres site.
* 2 story stone house built 1828, bank barn, concrete block garage, new pole type implement shed, 10'x61' trailer w/10'x28' addition
* The house is situated away from the road, it was recently repointed.

#7365FA LIMITED ACREAGE DAIRY FARM, BELLEFONTE AREA, $239,500 (44 ACRES) OR $199,500 (31 ACRES)
* 25 acres open, 17 acres wooded, 2 acres site (44 acre option)
* 25 acres open, 4 acres wooded, 2 acres site (31 acre option)
* Two story stone house with frame attachment, 36'x169' tie stall dairy barn with 60 stalls, 800 and 400 gallon bulk tanks, pipeline milker, 42'x64' heifer barn, 20'x70' Star sealed silo (bottom unloader), 20'x70' Ribstone silo (top unloader)
* This farm has been well cared for by the present owners. It would be suitable for conversion for horses or cattle, or for use as a country residence also.

#7303 FA 125 ACRE DAIRY FARM, MILLHEIM AREA, $339,500
* Approximately 125 acres, with 116 tillable, 4.5 acres woodland, 5 acres site and miscellaneous.
* Buildings include a sound two story, 4 bedroom plank constructed home, a two story bank barn with a 28 stall flat parlor with a pipeline, a 72'x80' free stall barn, a 20'x80' concrete stave silo, a 20'x92' poured concrete silo, a frame implement shed, and a 1000 bushel corn crib.
* This farm has been well maintained and is presently in operation. The tillable land ranges from gently rolling to moderately steep. An additional adjacent 72 acre tract with 63 acres tillable is available.

#6154FA 55+/- ACRE HORSE FARM, BELLEFONTE AREA, $325,000.
* Approx. 55 acres, with 18 tillable, 20 pasture, 13 woods, 4 site and misc.
* Sound buildings include a 2 story double house, two story bank barn, a 60'x120' clear span riding arena, a separate 28'x42' horse barn, a 20'x120' implement shed, and other outbuildings.
* There are a total of 24 box stalls for horses. The farm has an outdoor riding area, and a paved barnyard. It is in a desirable geographical location in Centre Co.

HUNTINGDON COUNTY

#7411FA 165 ACRE RECREATIONAL FARM, WARRIORS MARK AREA - $225,000
* Approximately 165 acres with 40 tillable, balance wooded.
* The house is a 3 bedroom raised ranch in good condition.
* This is an ideal farm for sportsmen. It has abundant game, and joins active farmland on the north and a large tract of woodland to the east and south.

#7309FA 158 ACRE DAIRY FARM, TYRONE AREA, $339,500
* Approximately 158 acres, with 119 acres tillable, 18 acres pasture, 18 acres woodland and 3 acres site area.
* Buildings include a two story brick home with stucco exterior, a two story bank barn with a 38'x110' one story attachment with 50 tie stalls, a 16'x70' pole building, 20'x60', 18'x50' and 10'x35' silos with unloaders, and a 12'x53' trailer.
* This farm has productive, Hagerstown soil, and a very private, but easily accessible location. The pipeline, bulk tank and associated dairy equipment have been sold.

#134 FA - RIVER BOTTOM LAND - ALEXANDRIA AREA - $99,500
* 55+ Acres (45.6 tillable, highly productive)
* Ideal for truck cropping and irrigation
* Situated in an excellent location for direct (roadside) marketing

MIFFLIN COUNTY

#7278FA 123 ACRE DAIRY FARM, McVEYTOWN AREA, $424,000
* Approx. 123 acres, 81 tillable, 30 woodland, 12 acres site and pasture
* Remodeled stone house, 2 story, bank barn, implement shed, corn cribs, 2 car garage
* This farm has gently to moderately rolling land and active Conrail Railroad borders the North side of the farm

LYCOMING COUNTY:

#6026FA 197 ACRE GENERAL OR RECREATIONAL FARM - MUNCY AREA - $224,500 WITH TIMBER $187,500 WITHOUT TIMBER
* Approximately 197 acres, with 80 acres tillable, 113 acres pasture and woodland, 2 acres site, 2 acres roads.
* This farm has a small 2 story home that would be well suited for use as a cabin, and two concrete block silos.
* Approximately 50 to 60 acres of the woodland on this farm has not been timbered since 1920. There are four small streams, two with natural waterfalls, and several springs. It has a substantial gravel township road frontage. This property is ideal for hunting and recreational use.

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36 acres, large barn, home, private & secluded, large pond, 25 tillable balance pasture. Rent option or no down possible.
20 acres, large barn, home needs work, private & secluded, pond. Rent Option or No Down.
9,000 sheared Douglas Fir, Christmas trees & 1,000 Fraser. These can be bought over 1 to 4 year period.

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317 Acre Parlor Dairy, 200 tillable, more available, 83 tie stall barn, dbl 6 parlor, liquid manure system, 3 silos, 3 BR ranch home. 150 Holsteins, full line of machinery. **All for $415,000.00.** Real estate with fixtures: **$235,000.00**

129 Acre Dairy, mostly tillable, 48 stanchion barn with pipeline, 3 silos, 3 BR home. Owen area, Clark County. **Complete with all farm personal. $215,000.00.**

120 Acre Dairy, 52 tillable, nice woodlot, 33 tie stall barn, silos & shed. Fair 4 BR home. Curtiss area, Clark County. **JUST $52,500.00.**

98 Acre Dairy, 53 tillable, additional land available for rent, good 52 stall dairy barn, with pipeline, new 30x50 ft. shop, 3 silos, 100 ft. shed, 4 BR 1½ story home. Gilman area. Taylor County. **ONLY $48,000.00** with feed.

193 Acre Dairy approx. 127 tillable, 48 tie stall barn, pipeline, TMR mixer, 104 ft. metal shed, shop 3 BR home. With feed. **$109,500.00.** Cattle & Machinery, optional.

80 Acre Dairy, 53 tillable, 34 stall barn, pipeline milker, 2 silos, 4 BR home. Fair buildings, Unity-Loyal area, Clark County. **$49,900.00.**

396 Acre Dairy, 290 tillable, 72 tie stall barn, pipeline milker, manure system, calf & heifer barns, large 2 BR home with 2nd floor not finished. **$195,000.00.**

160 Acre Dairy, 94 tillable, 42 stall barn, 2 silos, pipeline milker, good 3 BR home, **$85,000.00.**

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NEW LISTINGS

TIOGA COUNTY Near Wellsboro airport is this mostly level 241 acre potato & grain farm in high state of cultivation. There are 3 lg. potato barns, pond, (2) 30 ton grain bins and much more. Be the first to see this fine property. The only thing it doesn't have is a residence but there is a septic system from a previous mobile home. Priced under $2500.00 per acre.

SCHUYLKILL CO. Tree Farm. READ THIS AD CAREFULLY. The trees on this tree farm are valued at over $900,000.00 but the 170 acres of land, buildings, and all equipment presently used to run the business is also included. YES YOU READ THIS AD RIGHT. ALL THIS FOR ONLY $800,000.00. This present owner is doing over $250,000.00 of tree sales per year but he wants to retire. Main manager will stay for 5 years so if you have money but no experience you can't go wrong. Call Sandy 1-800-836-8113 for all the particulars.

BRADFORD CO. Large 420 acre dairy farm with 66 stanchions, 60 plus free stalls, Harvestore and concrete stave silos, beautiful farm house and lots of good farm land, 2nd set of buidlings, see it today.

TIOGA COUNTY: Modern dairy farm w/comfort stalls, 2 silos, 60" bunk feeder, lg. milk house, implement shed, 2 beautiful houses, extra barn, 3 acre pond & so much more. 3 yrs. to go in CRP program but well worth the price for 310 acres at: $440,000.00 level and long enough fields for an air strip.,

BRADFORD COUNTY: 52 comfort stall modern dairy barn since 1989, new 1,350 gal. bulk tank & 2 - 4 H.P. compressors, 2 concrete stave silos and a Harvestore. This farm is ready for fall possession with all crops included. House needs some work to move into since previous tenant started renovations but didn't get finished. 305 acres for $315,000 w/FmHA & owner financing.

BRADFORD COUNTY, PA: 100 acre beef farm w/ modern 318x60' slated floor, 115,000 cu. yd. manure pit, 11 pens, electronic scales, loading chutes, grain bins. Call Sandy Leaman for all the details. This building is only 1½ years old. **Reduced $100,000.**

LYCOMING CO., 250 Acres woodland. Call for price and details.

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Huntingdon Co. 218 Ac. - Good Production Farm, 57 Stanchions with pipeline, 105 Free stalls + 3 silos. $380,000.

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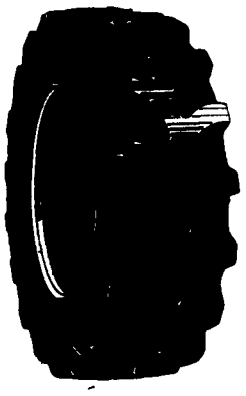

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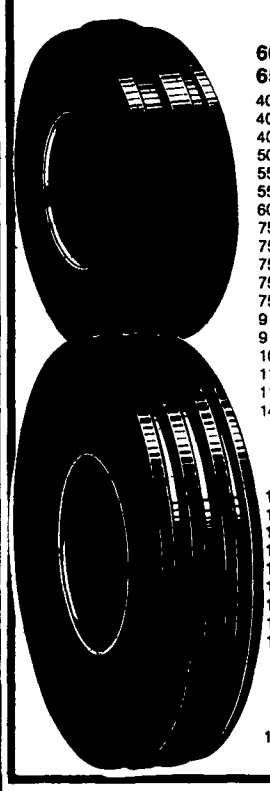

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13.6x28, 6 Ply	$220.00
14.9x28, 4 Ply	$210.00
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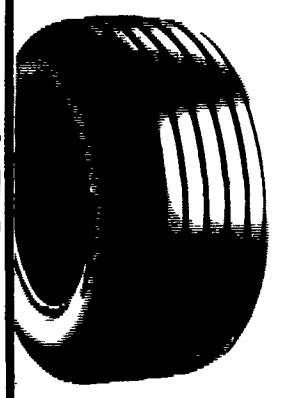
18.4x28, 6 Ply	$390.00
18.4x30, 6 Ply	$355.00
23.1x30, 8 Ply	$790.00
24.5x32, 10 Ply	$920.00
16.9x34, 6 Ply	$340.00
18.4x34, 6 Ply	$360.00
18.4x34, 8 Ply	$425.00
20.8x34, 6 Ply	$620.00
20.8x34, 8 Ply	$680.00
23.1x26, 10 Ply	$705.00
23.1x34, 6 Ply	$870.00
11.2x38, 4 Ply	$200.00
12.4x38, 4 Ply	$230.00
13.6x38, 4 Ply	$230.00
13.6x38, 6 Ply	$263.00
14.9x38, 6 Ply	$300.00
15.5x38, 8 Ply	$340.00
16.9x38, 6 Ply	$370.00
16.9x38, 8 Ply	$400.00
18.4x38, 6 Ply	$430.00
18.4x38, 8 Ply	$460.00
20.8x38, 8 Ply	$660.00
20.8x38, 10 Ply	$790.00

WAGON TIRES



26 1200x12, 4 Ply	$55.00
8.51x14, 6 Ply	$51.00
9.5Lx14, 6 Ply	$63.00
9.5Lx14, 8 Ply	$65.00
9.5Lx15, 6 Ply	$48.00
9.5Lx15, 8 Ply	$48.00
11Lx14, 6 Ply, Tubeless	$58.00
11Lx15, 8 Ply	$62.00
11Lx15, 10 Ply	$80.00
1000x15, 8 Ply	$73.00
11Lx15, 8 Ply Tubeless	$58.00
11Lx16, 8 Ply	$65.00
11Lx16, 10 Ply Tubeless	$88.00
12.5Lx15, 10 Ply	$79.00
12.5Lx16, 14 Ply	$98.00
12.5Lx15, 12 Ply	$116.00
14Lx16.1, 12 Ply	$172.00
16.5Lx16.1, 10 Ply Tubeless	$192.00
25x7.50x15, 4 Ply Tubeless	$51.00
25x7.50x15, 6 Ply Tubeless	$58.00
27x9.50x15, 4 Ply Tubeless	$63.00
27x9.50x15, 6 Ply Tubeless	$74.00
27x9.50x15, 8 Ply Tubeless	$80.00
31x13.50x15, 6 Ply Tubeless	$116.00
31x13.50x15, 8 Ply Tubeless	$125.00

• WAGON TIRES SHIPPED UPS - NO CHARGE! •

CONTRACTOR F-3

11Lx16, 10 Ply	$100.00
11Lx15, 8 Ply	$95.00
11Lx15, 10 Ply	$105.00
750 800x16, 10 Ply	$104.00
11Lx16, 12 Ply	$130.00
145 - 75 - 16.1, 10 Ply	$255.00

Small Rear Farm Tires

750x20, 4 Ply	$79.00
750x24, 4 Ply	$87.00
8 3x24, 4 Ply	$107.00
8.3x24, 6 Ply	$113.00
9.5x24, 4 Ply	$120.00
9.5x24, 6 Ply	$128.00
11.2x34, 4 Ply	$200.00
11.2x36, 4 Ply	$200.00
12.4x24, 4 Ply	$156.00
13.9x36, 6 Ply	$280.00

SKID LOADER TIRES

570x12, 4 Ply	$45.00
23.850x12, 4 Ply	$53.00
27.850x15, 4 Ply	$87.00
27.850x15, 6 Ply	$92.00
27.1050x15, 6 Ply	$99.00
700x15, 6 Ply	$70.00
10-16.5, 6 Ply	$90.00
12-16.5, 8 Ply	$125.00
Steel Shield	
10-16.5, 6 Ply	$110.00
12-16.5, 8 Ply	$150.00

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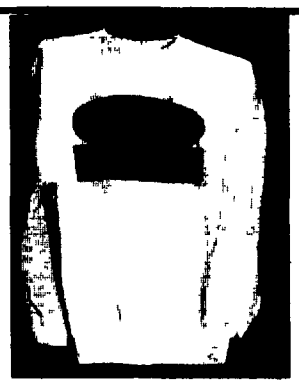
MONDAY, DEC. 13, THRU FRIDAY, DEC. 17

7:30 AM to 5:00 PM

Light Lunch Served From 10:00 To 2:00 Each Day

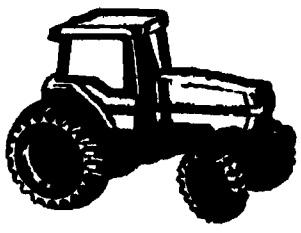


CAPS $6.00

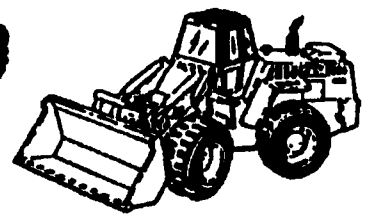
T-SHIRTS $12.00

SWEATSHIRTS $22.00

WITH TRACTOR MODELS AND LOGOS, MULTI-COLOR, LARGE SELECTION



TOYS - 10% DISCOUNT



Large Selection Of

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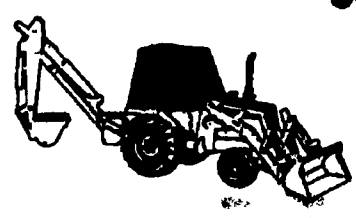
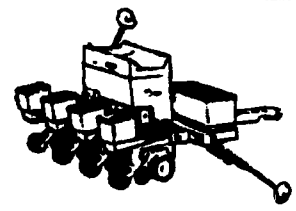
Farm Toys





Order By December 21 For Christmas Delivery

I & T SERVICE MANUALS

I & T Shop Service Manuals provide all the information needed to service practically any make or model of wheel type farm tractor. Step-by-step procedures and illustrations help you do the job right. The savings on one minor repair job will more than make up the low cost of the manual.

Available For Most Makes & Models Of Farm Tractors

SMALL MANUALS
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SEE WENGERS FOR YOUR TRACTOR PARTS NEEDS!

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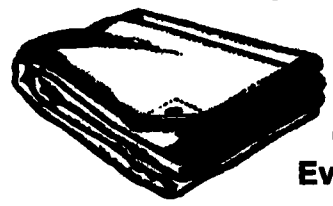

Blue, 11 Mil, Grommets Every 3 Feet

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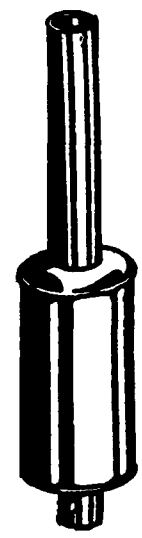
8x10	$ 7.35	$ 6.35
9x12	$ 7.39	$ 6.39
10x12	$11.05	$ 9.35
12x16	$12.99	$11.65
12x20	$15.99	$14.35
16x20	$21.99	$19.75
20x20	$26.99	$24.25
20x30	$55.35	$44.35
20x40	$59.99	$53.95

TARP STRAPS

9"...$ .65 20"...$ .85

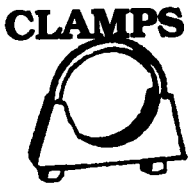
15"...$ .75 31"...$1.10

MUFFLERS



RAIN CAPS
For NEVER Fail Automatic Protection On Exhaust Systems

CLAMPS



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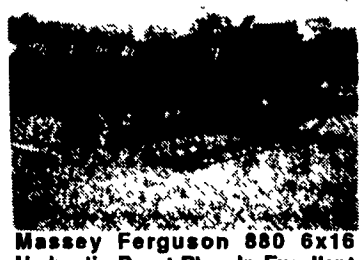
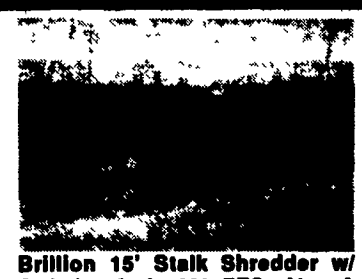
WOODS

1977 International 1586, Has 3,027 Hours, 3 Remotes, 20.8x38 w/Axle Duals, Cab And Air.

1972 John Deere 4620 18.4x38 Goodyear Radials, 2R 4,998 Hours, Very Nice.



Massey Ferguson 880 6x16 Hydraulic Reset Plow In Excellent Condition w/Spring Coulters.

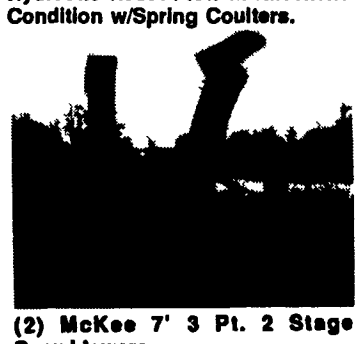


Brillion 15' Stalk Shredder w/ Cylinder And 1000 PTO. Also A Lundell 12' Here.

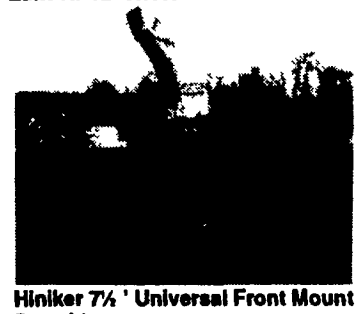
John Deere 2600 Vari-Width 7x Plow, Automatic Spring Reset And Spring Coulters — Also a 7x 2700 w/On-Land Hitch.

White 548 8 Bottom Auto Reset Plow w/On Land Hitch Can Be A 6 Or 7X.

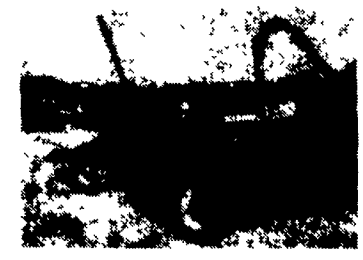
Ford 2000 w/8 Speed Standard Transmission, Power Steering, Live PTO, Gas Engine.



(2) McKee 7' 3 Pt. 2 Stage Snowblowers.



Hiniker 7½ ' Universal Front Mount Snowblower.



John Deere 43 PTO corn shellers in good condition.

COMING IN SOON

Ford 2810 Diesel 32 HP, 130 Hours, Sharp
JD 4430 Cab/Air, Quad
Case IH 585 w/2255 Loader, Low Hours
JD AMT 622 Two Seater Utility Vehicle
Farmall 140 w/Cult. 12V, Fast Hitch
Case IH 1300 3 Pt. Sickle Mower, Like New
JD 343 3RN Corn Head
JD 213 Flex w/Black Reel, Sharp
(2) Fast Hitch Scraper Blades
White 548 6x Auto Reset Plow
JD 2700 5x Vari Width Reset Plow
Cab To Fit IH 1066
New Idea 18 Manure Spreader — Like New
IH 2350 Loader
M-C 7' 3 Pt. Flail Mower — Very Good Cond.
EZ Flow 10' Lime Spreader
Knoedler PTO Burr Mill
3 Pt. Hydraulic Log Splitter
IH 730 4x Plow, Variable Width
Kasco 6' Snow Plow- Universal Front Mt.
Kubota B6200 HST, 4WD — Like New
Farmall 'C' w/Cultivators

FARM TRACTORS

JD 2640 w/38" Tires, Rollbar w/Roof
JD 4620 Cab, Syncro, Nice
JD 855 4WD, w/Loader, 5' Belly Mower
IH 1586 Cab/Air, Duals, 3 Remotes, Nice
IH 574 Diesel
IH 454 Gas, 1200 Hours, Sharp
IH 656 Gas, Cab, Wide Front, 3 Pt.
Farmall 140 w/Cultivator
Farmall Cub w/Attachments
Ford 2000 Gas, PS, 8 Speed
Case 4890 4WD, 250 HP, 3 Pt., PTO
Case 4490 4WD, 175 HP, 3 Pt., PTO
MF 245 Diesel w/570 Hours, Sharp
AC 6060 Diesel
Oliver 1450 Diesel
JD 1010 Gas Utility

DISC HARROWS

Sunflower 14½ ' Centerfold Offset
JD 630 12' Disc- Like New
NH OD 100 11' Offset Disc
White 281 10½ ' Offset Disc
Rhino 167 9' Offset Disc
IH 8' Offset Disc- Small Frame
JD 111 8' Rock Flex Disc (Sharp)
White 252 11' Disc
Kewanee 12' Disc
JD BW 13' Disc
JD 110 14' Disc
IH 470 14' Disc
Bush Hog 12' Cutting Disc
IH 500 13' Cutting Disc
JD KBA 28 Blade Drag Disc
(3) Farmall Cub Drag Disc
Several 3 Pt. Hitch Discs- Call
Krause Model 14 17' Wing Fold
Krause Model 90 19' Wing Fold
Krause Model 904 19' Wing Fold

MANURE SPREADERS

New Idea 217 Twin Beater
MF 160 PTO spreader
David Bradley ground drive
(2) Farmall Cub spreader
JD R Ground drive
Akey 100 Bu. PTO (nice)

PLOWS

White 548 6, 7 Or 8X On Land
IH 720 7x18 Auto reset, on land
IH 710 6x18 On Land, Trip
IH 700 6X Auto reset (sharp)
IH 720 6x16 Auto reset
IH 720 5x16 Auto reset
IH 710 4x16 Auto reset
(3) IH 710 3x16 Auto reset
(2) IH 2x fast hitch
(2) IH 311 3x fast hitch
White 348 3x16 3 Pt. Cushion
White 508 4x16 Semi-Mt.
Farmall cub and super A, 1X plows
MF 880 6x16 hydraulic reset
(2) MF 57 4x16 roll-over plows
JD 2700 7X On Land Toggle Trip
JD 4600 4x18 roll-over on-land hitch
JD F145 3x16 3 pt. plow
JD 2x16 3 Pt. Plow
Ford 2x 3 pt. plows
(2) IMCO 1x 3 pt. plows
IH 3X 2 Way F.H. Disc Plow
IH 4x14 Pull Type Trip Back
AC 1X 3 Pt. Rollover Plow

CABS

Ford 4000 Cab
JD 2630 Cab
AC 190 Cab
JD 4020 cab
Case 2090 cab (white)
Case 2096 cab (red)
IH 385 roll bar
Kubota roll bar
IH 464 roll bar
MF 1105 roll bar w/roof
JD rollbar for 850 compact (new)

ROLLER HARROWS AND PACKERS

P-M 8' cultimulcher, nice
Dunham 14' roller harrow
Dunham 10' roller harrow
(2) Brillion 12' cultimulchers
JD 950 15' roller harrow, sharp
JD 950 12' roller harrow
JD 930 12' 3 pt. roller harrow
JD 12' packer w/end transport
Chatanooga 12' crowsfoot packer
(2) Brillion 10' packer w/4" axle
Dunham 12' w/end transport
Brillion 10' Packer w/14" Wheels (New)

COMBINES

1974 JD 4400 diesel rotary screen
(2) JD 213 flex head, yellow reel
JD 15' grain head
JD 10' grain head
6T Lo Profile Header Transport

HAY EQUIPMENT

Buffalo Valley 36' Corn & Hay Elevator
New Idea 40' Corn & Hay Elevator
JD 346 Baler w/Ejector
JD 327 Baler w/ejector
NH 68 Super baler
#54 Thrower To Fit 273 Baler
Pequea 710 PTO Tedder
Grimm Hay Tedder
Case IH 3206 7' 3 Pt. Disc Mower
JD 1219 MO/CO like new
NH 477 Haybine
JD 240 64" 3 Pt. Disc Mower
Sitrex 3 pt. 4 wheel rake
MF 3 pt. sickle mower
Ford-NH 451 sickle mower (sharp)
NH 451 7' sickle mower
JD #50 side mount sickle
IH 110 side mount sickle for Super A
IH 1100 7' pull type sickle mower
MF 25 3 pt. rake
NH 55 hay rake
Triumph Hyd. Drive Side Mt. Sickle Mower- Like New
8x20 flat wagon on tandem gear
(3) Bale Throw Wagons

CORN PLANTERS AND DRILLS

MF 448 4R cornplanter
Deutz Allis 385 4R w/dry fert.
JD 7000 6x30 plate type planter
Ford 309 2x 3 pt. planter
IH 800 4x30 cyclo air planter
(3) MF 2x 3 pt. planter
IH 56 4 row 30" w/fiberglass
(2) IH 249 2 row pull type
IH 56 2 Row Pull Type Planter
MF 33 17x7 DD w/Grass Seed
MF 43 22x7 DD (Sharp)
JD 246 2R 3 pt. cornplanter

MISCELLANEOUS

Apache 3 Pt. PTO Brush Chipper
JD Cat. II Quik Hitch
New side dressers for Cub and Super A
Farmhand 880 Tub Grinder
IH 7' 3 pt. hyd. angle blade
(15) sets of tractor duals- call
Campbell 400 gal. sprayer
Brillion 8' seeder
(3) Brillion 5'6" seeders- (1 New)
New and Used spike harrows
Manure buckets and loader buckets
Ford 4 cyl and 6 cyl power units
New Long Rotary Tillers, 55", 63" & 72"
(4) Gravity Bin Wagons
1 Row 3 Pt. Tater Digger
Danuser F8 commercial hole digger
New 9" & 12" post hole diggers
Farmall Cub Cultivators & Super 'A'
Pioneer 12KW 3 pt. PTO generator
Westfield 4x11 And 6x16 Augers
Shaver HD8 Post Drivers
MF 10' 3 pt. spring tooth harrow
Brinly Disc And Plow
Haban Sickle Bar For Cub Cadet

HARVESTERS AND PICKERS

JD 300 Husker w/2RW Head
JD 3970, elec. controls, long tongue, nice
IH 781, elec. controls, hay head
JD direct cut head
New Idea 325 2RN 8 roll
New Idea 324 2RW 12 roll, late
New Idea 324 2RW 12 roll
JD 2RW To Fit 3800 Harv.
NH 717 R2 Harv. Head
New Idea 323 1 Row Picker

LOADER ATTACHMENTS

JD 148 w/7' Bucket And Joy Stick
JD 145 w/6' Bucket And Valve
Ford one arm to fit 600-800
Snow blades for Farmall Cub And Super-A
JD 45 to fit 2 cyl. tractor
Sauder Snow Blade
IH 3050 to fit IH 574 Or Similar
Ford Loader To Fit 3000, Etc.
Bush Hog 2840 QT To Fit FO7700
Farmall Super C Loader
Hesston L350 QT Loader

ROTARY MOWERS

Alamo TK-15' Wing Mower
Woods 121 offset orchard 10'
New King Kutter 4', 5', 6' mowers
Woods RM 400 estate
Woods RM 500 estate
Woods RM59 estate
Mott flail to fit cub
New Woods S260 3 pt. ditch/bank
New Woods 59C belly mower for cub
New Woods L59 for Super A
New Woods L59 for AC 'B'
Woods L306 to fit Ford 8N
Bush Hog 5' 3 pt. flail mower
(2) Woods 72" Cadet pull type
JD 1006 10' 3 pt. mower, 1000 PTO

CHISEL PLOWS & FIELD CULTIVATORS

IH 6000 11' Consertil Chisel
JD 1710 11' Disc Chisel
Hiniker 1120 18' Flat Fold Field Cult.- Sharp
Kewanee 20' hyd. fold 3 pt. field cult.
IH 45 12' 3 pt. field cultivator
(4) IH 45 18' field cultivators, pull type
Lorenz 13' field finisher w/rolling baskets
JD 12' 3 pt. field finisher- Like New
IH 11' 3 pt. 5500 chisel
JD 10' pull type chisel
(4) JD 1600 10' 3 Pt. Chisel And 12'
Brillion 10' pull chisel
Oliver 9' 3 pt. chisel
IH 55 7' pull type chisel
IH 55 10' pull type chisel or 12'
Glencoe 7' And 9' Pull Chisels

IF YOU DON'T SEE IT ADVERTISED, GIVE US A CALL

Top Lancaster DHIA Cows By Protein For November

(Continued from Page C8)

RHELDA & LYNN ROYER								
BELLEY	RH	6-8	305	25,646	3.3	835	3.5	906
SAMUEL E BEILER								
NICKEL	RH	11-2	305	25,921	3.2	835	3.6	923
ABBEY	RH	6-1	305	28,455	2.9	824	3.5	1002
CRYSTA	RH	4-5	305	23,666	3.5	817	4.5	1057
P ROBERT WENGER								
JANE	RH	3-5	305	25,173	3.3	832	2.3	590
DENNIS R BENDER								
103	GR-H	5-7	305	28,177	2.9	831	3.5	1000
J ELMER STOLTZFUS								
EVELYN	GR-H	4-3	305	25,432	3.3	829	3.7	931
JODY	GR-H	5-1	305	24,936	3.2	789	3.5	866
AMOS S KAUFFMAN								
CINDY	RH	5-0	305	27,446	3.0	829	3.3	912
SPRING BELLE FARM								
MINERA	RH	2-11	299	25,509	3.2	828	3.6	929
ACRE	RH	8-6	305	25,149	3.1	778	2.9	740
DAVID J. KULP								
61	RH	6-6	305	25,339	3.3	828	3.1	785
CALVIN D BEILER								
MARTHA	RH	5-8	305	29,062	2.8	827	2.1	603
SHADYTOP FARMS								
ALETA	RH	6-6	293	26,154	3.2	827	3.3	861
PAUL S HORNING								
LOVELY	RH	3-11	289	25,784	3.2	823	3.5	890
BROOKE	RH	5-2	305	26,770	3.0	798	3.7	988
MER-LAND FARM								
CLAM	RH	4-3	305	26,303	3.1	823	4.0	1056
PHILIP G CROUSE								
ULRICA	RH	3-0	301	24,159	3.4	822	3.7	888
ABBIE	RH	3-5	305	26,576	3.0	799	2.8	757
KRICKE	RH	3-2	298	23,427	3.3	783	3.4	803
VERNON R UMBLE + SON								
LEA	RH	4-0	305	26,287	3.1	821	3.3	873
TOPAZ	RH	6-3	305	25,066	3.3	817	3.5	877

(Turn to Page D4)

BUSH HOG®

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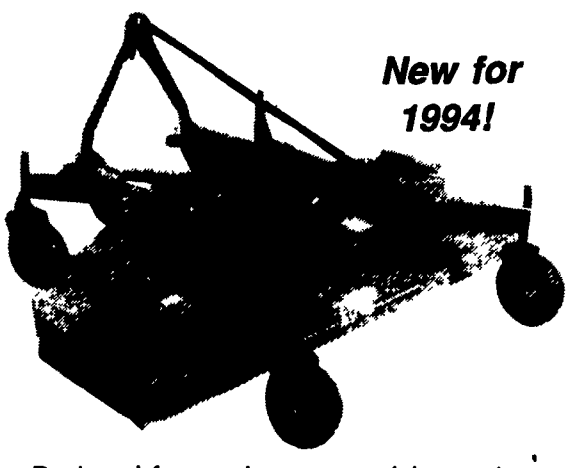
Winning with quality.

NEW... NEW... NEW FOR 1994!

BUSH HOG®
ATH-900 SERIES
FINISHING MOWERS



Designed for use by commercial operators and owners of homes with large lawns to maintain, Bush Hog's ATH-900 Finishing Mower features a full 90-inch cutting width.

The unique tunnel design of the ATH-900 allows you to mow in heavier, thicker conditions. And the special design of the deck eliminates "dead spots." Floating top and lower linkage work to prevent the scalping problems often encountered when mowing on uneven terrain. And the four pneumatic tires are standard equpiment to help reduce the shock loads of rugged cutting requirements.

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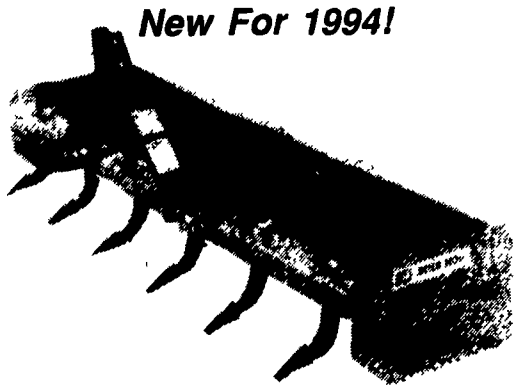
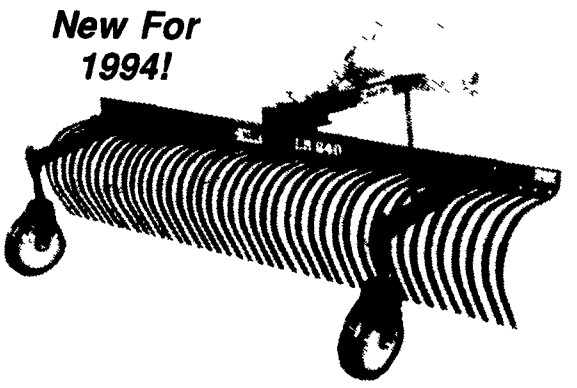


Four models designed for a wide variety of jobs around the farm, and applicable for landscaping and construction chores.

• Choice of widths - 48" to 84" • Two cutting edges work in forward or reverse • Mounts to a wide range of tractors, maximum of 40 HP • Scarifier teeth are standard equipment • Heavy reinforced A-frame • Excellent for grading, backfilling, leveling topsoil and gravel

BUSH HOG®
LR SERIES
LANDSCAPE RAKES



Here's your best choice in a dependable tool that's ideal for seedbed preparation, landscaping, spreading gravel or topsoil and removing rocks and debris from fields and farmyards. Bush Hog's Landscape Rakes are recommended for tractors with a maximum 35 HP, and are available in 5, 6, or 7-foot widths. High carbon spring steel tines are spaced at 1" intervals, for more thorough leveling or rock removal. These rakes pivot a full 360 degrees, a feature that assures a more versatile operation. And the pivot pin is 1¼" solid steel- for greater durability.

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Top Lancaster DHIA Cows By Protein For November

(Continued from Page D3)

TINA	RH	5-11	305	23,981	3.2	775	4.2	1001
TRIPOL	RH	4-2	305	24,877	3.1	773	3.9	964
ANNON B LANTZ								
JACKIE	RH	4-11	305	25,743	3.2	819	4.0	1033
HOMER G. HESS								
DUMPLI	GR-H	2-8	305	27,389	3.0	818	3.4	925
DENNIS E TICE								
TRUDY	RH	5-0	305	24,328	3.4	817	3.4	835
JENNY	RH	3-3	305	24,769	3.2	803	3.4	852
DAVID K STOLTZFUS								
PRINCE	GR-H	3-3	305	25,657	3.2	816	3.4	878
CARMEL	GR-H	6-3	302	23,684	3.4	800	3.4	812
ARLIN BENNER								
92	GR-H	3-1	305	25,971	3.1	815	2.6	676
150	GR-H	5-9	305	25,651	3.1	783	3.3	834
LEON SENSENIG								
73	GR-H	7-11	305	26,409	3.1	813	3.5	929
JOHN L STOLTZFUS								
43	GR-H	4-3	305	26,074	3.1	813	2.8	730
JAY V FUNK								
18	GR-H	3-1	305	25,219	3.2	811	2.3	591
WILMER S STOLTZFUS								
HIGH	RH	4-5	305	26,683	3.0	811	3.6	951
EDWIN J LANDIS								
MISSY	RH	2-0	305	25,327	3.2	809	3.4	873
SARA	GR-H	3-2	305	22,779	3.4	773	3.3	759
JOHN D SENSENIG								
JANE	GR-H	3-0	305	28,618	2.8	809	2.7	760
SHERRY	GR-H	3-5	305	26,176	3.1	807	3.4	880
LESTER M WEAVER #1								
370	RH	8-8	305	24,705	3.3	808	3.4	840
MAHLON E KING								
CHERRY	GR-H	4-11	305	24,425	3.3	808	3.2	788
RAYMOND AND GLENN BRUBAKER								
66	RH	3-4	305	25,704	3.1	804	3.9	994
JONAS S STOLTZFUS JR								
GENE	GR-H	7-2	305	25,276	3.2	804	3.6	903
HAROLD K WITMER								
BETHAN	RH	6-7	305	25,796	3.1	803	3.7	951
EMANUEL S ESH								
MITZI	GR-H	3-3	305	24,786	3.2	803	2.8	696
CHRIST F BEILER								
HONDA	GR-H	3-4	305	24,748	3.2	801	2.8	704
BART DELL FARM								
ROXY15	RH	5-2	305	25,106	3.2	800	3.8	945
MAPLEBRINK FARM								
77	GR-H	7-5	305	26,221	3.0	798	3.4	883
SAMUEL L ALLGYER								
ELMA	GR-H	4-2	284	24,106	3.3	797	2.4	589
LEON M SENSENIG								
78	GR-H	7-2	305	26,304	3.0	796	2.6	697
70	GR-H	3-5	305	24,339	3.3	792	3.5	853
79	GR-H	5-2	301	24,333	3.3	792	2.7	668
THOMAS ARROWSMITH								
ERIKA	RJ	8-0	305	19,897	4.0	794	4.9	977
KAT LIN FARM								
81	GR-H	5-8	305	23,075	3.4	792	4.1	943
25	GR-H	2-11	281	21,783	3.6	777	3.5	760
ELMER M HIGH								
57	RH	2-11	305	26,903	2.9	791	3.3	883
101	RH	3-5	305	23,544	3.4	791	4.4	1035
52	RH	3-1	305	27,174	2.8	770	3.3	902
G M WEAVER								
SHIRLE	RH	5-9	305	25,255	3.1	790	3.4	865
ROBERT H ROHRER&SONS								
134	GR-H	3-2	305	27,108	2.9	790	2.7	723
MARVIN J ZOOK								
BELLET	RH	6-3	305	28,110	2.8	786	3.6	998
DAVID R WENGER								
KROSS	RH	4-4	305	23,454	3.4	786	4.0	947
AMOS S STOLTZFUS								
227	GR-H	4-1	305	23,390	3.4	786	3.9	918
DAVID K STOLTZFUS								
JOYCE	GR-H	3-0	288	25,559	3.1	786	2.8	712
DENNIS L MARTIN								
WINDY	RH	5-6	305	28,249	2.8	785	3.2	894
NETTIE	RH	4-1	305	25,211	3.1	783	3.4	867
HARVEY W STOLTZFUS								
HAZELT	RH	3-2	305	23,886	3.3	784	3.5	843
JONAS M ZEISET								
4	GR-H	4-3	305	25,047	3.1	784	3.2	804
LAPP VALLEY FARM								
S CIND	RH	3-10	305	21,999	3.6	784	3.9	861
LEON S LAPP								
SAMMY	RH	4-3	305	24,689	3.2	784	3.0	751
MELVIN R EBY								
RITA	RH	4-8	305	24,055	3.3	783	3.6	876
MEFFDALE FARM								
DEWDRO	RH	7-5	304	25,408	3.1	783	3.7	942
BLUE SPRINGS FARM								
44	GR-H	5-7	305	25,224	3.1	782	2.5	640
WEA-LAND FARM								
COLA	RH	4-6	305	25,959	3.0	782	3.4	873

(Turn to Page D5)

Video Conference To Help Corn Growers

UNIVERSITY PARK (Centre Co.) — Corn is Pennsylvania's top field crop. More than 1.3 million acres of corn, worth an estimated $400 million, are grown in the state each year.

Most of that corn is used as cattle feed in Pennsylvania's large dairy industry. When corn production suffers, the results can be far-reaching. The cost of dairy and livestock farming may rise, affecting farm income and possibly consumer prices.

To help farmers address critical management issues, Penn State's College of Agricultural Sciences will offer a corn production satellite videoconference in January and February. The program will be downlinked and offered free of charge at several locations around the state. Participants can earn pesticide recertification credit from the Pennsylvania Department of Agriculture.

"Corn growers face many challenges in the effort to maintain optimal production," said Dr. Gregory Roth, assistant professor of agronomy and coordinator of the satellite program. "This videoconference is designed to help farmers deal with a host of variables that affect efficiency, yields, profits, and the environment."

Roth said the seminar will cover seven key areas of corn production: deep tillage, corn rootworm management, planter adjustment and maintenance, weed management, plant populations and row spacings, nitrogen management, and harvest management. These topics will be divided into two one-hour segments, separated by a 30-minute break.

The seminar will be offered January 21 from 9:30 a.m. to noon; February 15 from 1 p.m. to 3:30 p.m.; and February 22 from 7 p.m. to 9:30 p.m. For the seminar location nearest you or satellite and transponder information, contact the Penn State Cooperative Extension office in your county or call Agricultural Information Services at (814) 865-6309.

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From Dairy and Animal Science at Penn State

WRITING ACROSS THE CURRICULUM

Daniel R. Hagen
Professor of
Animal Science

Effective communication is an important part of any occupation, career, or business. No salesperson can survive without it. Bankers, service personnel, and even farmers rely on written and oral communication to stay informed on the latest developments and make informed decisions about their business.

The Pennsylvania State University believes it is vital for students to develop skills in written and oral communication. Several years ago, the University adopted the concept, Writing Across The Curriculum (WAC). A relatively new idea in higher education, WAC strives to make writing a visible part of the entire undergraduate program, from the freshman year until graduation.

WAC includes traditional elements such as basic grammar, punctuation, and sentence structure, but it goes even further. It emphasizes the organization of writing and the application of basic writing techniques to each student's area of study. Consequently, WAC builds written communications into the framework of the entire educational process.

Incorporated into all majors by a graduation requirement in the summer of 1990, WAC requires all students to complete at least three credits in a writing-intensive course within their major or college before they graduate. These courses are selected from a list of designated writing-intensive courses.

Daniel R. Hagen

Dedicated to improved communication for many years, the Department of Dairy and Animal Science requires that its students complete a course in writing and speaking skills in addition to other university requirements in language arts.

The department offers two writing-intensive courses, signified by a W in the course number: Animal Science 331W and Animal Science 431W. These courses were approved for this designation on the basis of the number, types, and focus of writing assignments included in each course. Both courses teach students aspects of animal reproduction, but have distinctly different emphasis. Dairy and Animal Science students must complete one of these courses, and students in other majors may take them as electives.

Animal Science 331W emphasizes applications of reproduction in farm animals and is intended primarily for juniors and seniors interested in dairy or livestock production and management or in careers in business. Animal Science 431W covers a wider group of animals, including laboratory animals, and is intended for students interested in continuing their studies in graduate school or professional school, and for those students who plan to work in a science-related area. Students enrolled in the writing-intensive courses ordinarily have already completed English composition, speech communication, and technical writing.

Writing-intensive courses are intended to build on the skills gained in the earlier courses. To learn how writing is applied to their field of study, students complete a variety of written assignments. These assignments may include preparation of a term paper according to the style of a particular scientific journal, completion of laboratory reports in the form similar to that used for reports at scientific meetings, or communication through a computer electronic bulletin board.

Students enrolled in WAC courses often submit their writing assignments first as a draft, which is critiqued by the instructor without a grade penalty. The student then rewrites the piece, incorporating the suggestions from the instructor. This helps students realize that writing is a process, organized in a particular way, with certain expectations. In this way, these courses should help students improve their writing.

As they progress through the writing-intensive course, students generally gain an appreciation for the types of writing in their area of study. They also should realize that the skills they learned in previous courses are still important.

As might be expected, not all students appreciate the emphasis on writing. Some are uneasy about their skills and may have had relatively little practice writing. Others may think that written communication is not important or may be inadequately prepared for such a "learn-as-you-go" course.

The writing assignments associated with writing-intensive courses add to the demands on the instructor's time and require additional effort. But faculty who make the commitment to this type of course also learn from the process.

Penn State hopes that even those students who do not appreciate the need for writing skills will one day realize how their writing-intensive course helped prepare them for their careers.

Top Lancaster DHIA Cows

(Continued from Page D4)

CLAY FARM								
CHARIT	RH	5-2	303	24,500	3.2	781	3.3	818
LLOYD B SENSENIG								
IRIS	GR-H	5-5	305	23,243	3.4	781	4.1	943
S & A KREIDER & SONS								
30	RH	7-0	288	24,904	3.1	780	3.5	876
LEONARD J STOLTZFUS								
DANA	RH	3-5	305	23,858	3.3	780	4.1	990
TITUS B STONER								
AVA	RH	7-1	305	24,218	3.2	780	4.1	991
GERALD MARTIN								
SHANNO	RH	4-2	305	26,077	3.0	779	3.0	784
DAVID D ZIMMERMAN								
MAUDE	RH	6-9	305	24,953	3.1	776	4.0	1000
BURNELL W NOL*								
123	GR-H	6-1	305	25,619	3.0	776	2.9	749
DALE L ZIMMERMAN								
DUTCHS	RH	5-3	292	25,383	3.1	775	4.0	1019
SAMUEL B SNUCKER								
POLLY	RH	6-0	305	25,475	3.0	775	3.0	755
PHILIP HORST								
MAUD	GR-H	4-4	305	25,653	3.0	774	3.5	901
EARL S WEAVER								
ROXY	RH	4-1	305	26,531	2.9	773	3.0	795
WEAVER HOMSTEAD FARM								
39	GR-H	5-5	305	26,884	2.9	771	3.7	988
JEFFREY L AUNGST								
IRA	RH	9-9	305	27,907	2.8	770	2.8	789
EDGEFIELD FARMS								
ELSIE	RH	4-5	305	24,113	3.2	770	3.5	845
ANDREW G MILLER								
141	RH	4-6	305	22,995	3.3	770	4.2	958
DONALD R BARE								
24	RH	7-5	305	23,092	3.3	770	4.1	957

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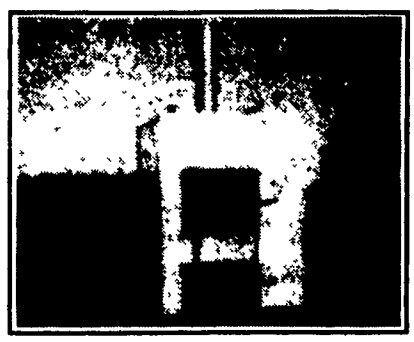

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Bonnie's Tull, OTSS Broker Top National Limousin Show

LOUISVILLE, Ky. — Excitement was high as 142 Limousin females and 46 bulls competed for top honors at the National Limousin Show. Open show judge Steve Reimer, Chamberlin, S.D. and his associate judge Vern Suhn, Eureka, Kans. evaluated classes at the event, held recently at the North American International Livestock Expo.

A March 5, 1992 daughter of WRC Punch and out of TEXS Star Mercy was selected 1993 national grand champion Limousin female. Bonnie's Tull 202B had previously been selected division IV champion. She is owned by a partnership of JCL Cattle Company and Tullis Limousin Farm, Welch, Okla. and H&L Limousin, Lebannon, Mo.

Wulf's Daisy May 2243B, the 1993 national reserve grand champion female, also took the division III champion honors. She is a May 3, 1992 daughter of Wulf's Rambler 8400X and out of Wulf's Miranda 9109X owned by Wulf & Sons, Morris, Minn.

Stewman Ranches, Maryneal, Texas led out the 1993 national grand champion bull OTSS Broker 2124B. Judges Reimer and Suhn selected this April 1, 1992 son of YKCC Top Line 180X and out of YKCL Miss Virginia R103V as division III champion bull before slapping him grand champion. The national reserve grand champion Limousin bull was also reserve champion in division III. American Breeders Service, Inc., De Forest, Wis. showed Wulf's Polled Impact 4244B, an April 3, 1992 son of Wulf's Rambler 8400X and out of Miss Wolfette 4244S.

Cane Ridge Cattle Company, Paris, Ky., took the division I champion female with Cane Ridge Polled Genie. She is an April 23, 1993 daughter of Wulf's Home Run 9226AA and out of Cane Ridge Temptress 404W. Division I reserve champion female came from Dunlap, Iowa with Sullivan Limousin. SLVL Black Brandi 13C is a January 3, 1993 daughter of NICO Polled Legacy and out of SCF Extra Easy 241Y.

Lance Hall, Sweetwater, Texas led out the division II champion female with LCHA Elegance, a December 6, 1992 daughter of YKCC Front Page 435X and out of Miss OTSS 7056V. A partnership of Magness Land & Cattle, Platteville, Colorado and Rock Ridge Limousin, Burbank, Oklahoma, had the division II reserve champion female MAGS Benji, a September 4, 1992 daughter of YKCC Top Line 180X and out of MK Tansy.

Reserve champion female in division III went to Stewman Ranches. OTSS Miss 2110B is a June 1, 1992 daughter of TEXS Ranger Primo and out of VRCC 113Y.

Division IV reserve champion female, MAGS Borrowed Trouble, a January 7, 1992 daughter of WLCC Turbo and out of MK Upsy in Command, was shown by D. Jeffrey Berry, Port Orchard, Washington.

Cane Ridge Cattle Company rounded out their wins in the female classes with cow/calf division champion Cane Ridge Temptress 404W, a February 12, 1988 Craftsman 9021S daughter and out of TEXS Star Dream Girl. Her heifer calf by Wulf's Home Run 9226AA was champion of division I. Reserve champion in the cow/calf division went to Symens Hill Ranch, Sisseton, South Dakota; Straight Limousin, Logan, Iowa and Thunder Farms, Ooltewah, Tennessee. Straights Chei, a March 18, 1991 daughter of CLLL Shenandoah and out of Straights Miss 635U, showed with her March 27, 1993 heifer calf Jamie 600C by MLDY Patriot 125A.

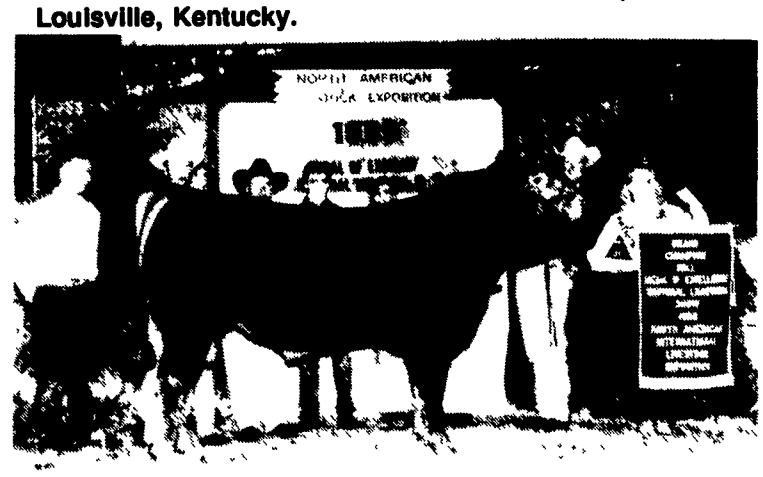
Division I champion bull honors went to the Polled Arrow Syndicate. YKCC Polled Arrow 200C, by YKCC Top Line 180X and out of YKCC Vintage Wine 406X, was born on March 31, 1993. SHLI Cowboy, the division I reserve champion bull, is a January 20, 1993 son of Polled Pack Leader 1182U and out of SHLI Annie 4P shown by Shane Lindsey, Colfax, Iowa.

In division II, champion bull honors went to GPFF Fresh Power, a September 9, 1992 son of Polled Power Buit 8V and out of DFLC Fresh Start, owned by Sugar Maple Leaf Farm, Millbrook, New York. Reserve champion bull in this division was Wulf's Impulse 8028B, an October 1, 1992 son of Polled Senator FPHP 15Y and out of Miss Wolfette 8021K. Impulse is owned by Wulf & Sons.

Dugan Stewart, Philip, South Dakota, took home division IV champion bull honors on MR SY Deluxe 716B, a March 18, 1992 son of SY Polled 770W and out of Miss SY Lieutenant 118Y. Reserve champion bull in division IV was MAGS BoJangles, owned by Magness Land & Cattle and Ramos Limousin, Chihuahua, Mexico. BoJangles is a January 9, 1992 son of WLCC Turbo and out of MK Upsy in Command.

Triple F Limousin, Paris, Kentucky, won junior get-of-sire champion honors on progeny by Wulf's Polled Progress. Premier breeder honors went to Magness Land & Cattle. Sullivan Limousin, Dunlap, Iowa was named premier exhibitor.

Bonnie's Tull, owned by JCL Cattle Company and Tullis Limousin Farm, Welch, Oklahoma and H&L Limousin, Lebannon, Missouri, was slapped grand champion female at the National Limousin Show, held in conjunction with the North American International Livestock Exposition in Louisville, Kentucky.



Broker 2124B, owned by Stewman Ranches, Maryneal, Texas, was awarded grand champion Limousin bull honors at the National Limousin Show. The National was held in Louisville, Kentucky in conjunction with the North American International Livestock Expo.

OTSS Ballerina Tops Junior Limousin Show

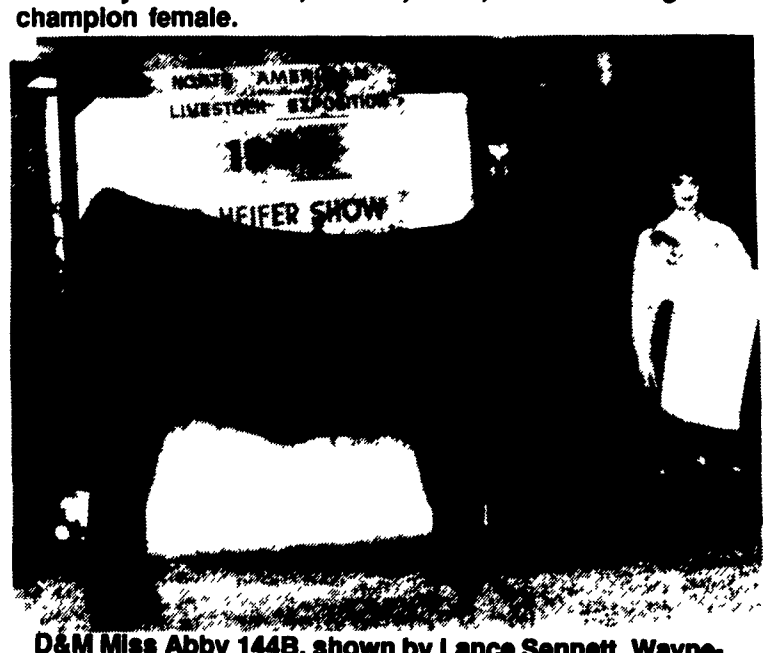
ENGLEWOOD, Colo. — Limousin junior heifer show competition was extremely competitive as Frank Jackson, Bentonville, Arkansas evaluated classes in the largest junior Limousin show ever held at the North American International Livestock Exposition (NAILE) held recently in Louisville, Ky.

Clint Petzold from Clinton, Okla., showed the grand champion female of the junior heifer show — OTSS Ballerina 2101B, an April 21, 1992 daughter of YKCC Top Line 180X and out of YKCL Miss Virginia R103V.

Reserve grand champion female of the junior heifer show was D&M Miss Abby 144B, a February 23, 1992 Northern Rivalry ZJW 85Z daughter out of D&M Miss Black I 144T, shown by Lance Sennett, Waynetown, Ind.

Champion bred and owned in the junior show went to Amy Martin, Harrison, Ark., on her female ML Mary Ann, a February 21, 1993 Polled Power Buit 8V daughter out of AGLF Miss Mary 004U.

In the Limousin junior heifer show at the North American International Livestock Expo, OTSS Ballerina 2101B, shown by Clint Petzold, Clinton, Okla., was selected grand champion female.



D&M Miss Abby 144B, shown by Lance Sennett, Waynetown, Ind., was reserve grand champion female at the Limousin junior heifer show at the North American International Livestock Expo held in Louisville, Ky.

Limousin Sale Has Top Average At NAILE

ENGLEWOOD, Colo. — Demand for Limousin genetics continued to sizzle at the National Limousin Sale, held recently at the North American International Livestock Exposition (NAILE) in Louisville, Ky.

An overflow crowd watched 46.25 lots sell under the seasoned gavels of auctioneers C.K. "Sonny" Booth and Bruce Brooks for an average of $5,396—the highest averaging single-breed sale at NAILE.

OAKM Lady Darlene 774A, a September 29, 1991 daughter of TEXS Ranger Primo and out of TEXS Star Delight, topped the sale. The fullblood, previously slapped grand champion female at the 1993 All-American Limousin Futurity, was consigned to the National Limousin Sale by Sullivan Limousin, Dunlap, Iowa and Shane Lindsey, Colfax, Iowa. Express Limousin Ranches made the winning bid to take half interest and full possession to Yukon, Okla., for $20,500.

Wes Hudson, judge for the sale show, slapped the second high seller grand champion female of the pre-sale show. A polled, purebred, September 2, 1992 daughter of SY Polled Satisfaction and out of Miss OTSS Sable 7006V, OTSS Betty Lou brought $18,750 on a bid from Minerich Land & Cattle, Richmond, Kentucky. Stewman Ranches, Maryneal, Texas consigned her.

For $16,000, Cane Ridge Cattle Company, Paris, Ky. and newsome Livestock, Jackson, Miss., puchased an embryo flush of five guaranteed pregnancies from the 1993 National Junior Heifer Show grand champion female, Wulf's Autumn Angel. This double-polled purebred is a September 18, 1992 daughter of Wulf's Challenger 6044Y and out of Miss Wolfette 9051X. The flush was consigned by Wulf & Sons, Morris, Minn.

Minerich Land & Cattle paid $15,250 to round out their sale-topping purchases with a September 20, 1992 daughter of LKCC Tomahawk's Touchdown and out of Wulf's Black Satin. Consigned by Circle L Limousin, Wadsworth, Ohio, the female, CLLL Touch of Spain, is a purebred—double-black and double-polled.

EXLR Miss Coppertone 459B, the reserve grand champion female at the sale show, sold for $9,250. Express Limousin Ranch consigned this December 24, 1992 daughter of GLNM Polled Cismont 050Y and out of Pretty Penny RBLB 160Y. Pinegar Limousin, Springfield, Mo., took her home on the winning bid.

A December 30, 1992 daughter of NICO Polled Legacy and out of SCF Extra Easy 241Y consigned by Sullivan Limousin sold for $8,600. Polled, purebred and black, SLVL Easy Girl went to the herds of Dorminy Brothers and Deni Dorminy, Fitzgerald, Ga.

Deer Valley Farm, Fayetteville, Tenn. consigned DVFC Mary Lou 901B, a September 21, 1992 daughter of TEXS Ranger Ted and out of OAKF Peggy Sue 9411X. Edgemont Limousin, Kiowa, Okla., gave the winning $8,300 bid for this fullblood.

ABS Purchases Genmark Technologies

Business News

DeFOREST, Wis. — ABS announced final technology purchase of genetic markers from Genmark, Inc. of Salt Lake City, Utah.

Gene marking, the ability to identify which of the parent's genes the calf has inherited, could allow the A.I. industry to accurately identify genetically superior individuals in a population before their actual production data is available. Some genes influencing protein yield, protein percentage, and milk yield have already been identified.

"In the near future, we expect to have the ability to identify many more genes that specifically affect production as well as many traits that effect type traits of cattle, such as teat placement," said Dr. Paul Miller, vice president of product development at ABS.

"When looking at well-proven bulls, gene markers offer few benefits," said Miller. "The genetics these bulls offer are already identified through the performance of their offspring, the most reliable genetic summary."

While markers have limited benefits to identifying elite genes in well-proven bulls, with the selection of young sires, opportunities abound. Genetic markers will allow ABS and the industry to more accurately select young sires for superiority in desirable traits in both production and conformation. The net result of this will be an increase in the quality of young bulls for the ABS Progeny Test program, as well as earlier identification of these young bulls that will move the next generation ahead.

The Genmark DNA commercial testing service operations, which include laboratory testing for the genes influencing milk proteins, BLAD and Weaver conditions, and DNA parental verification has previously been sold to another private testing lab.

The purchase of this technology is in line with the ABS objectives to research and develop technologies that directly relate to our customers' needs or that will have a direct benefit to ABS by making genetic advancements faster, more reliable, and with less cost incurred.

"This purchase gives ABS an edge on the industry by adding to other research we have already conducted," said ABS President Jack Shelton, noting that gene marking and mapping have been a common interest of the industry for some time. "However, the purchase of this technology does not give ABS a corner on the market. We would be naive to believe only one set of technologies and notes exists."

Sites Announced For Video Conference

UNIVERSITY PARK (Centre Co.) — Penn State's College of Agricultural Sciences will offer a corn production satellite videoconference on three dates in January and February.

The free seminar will cover seven key areas of corn production: deep tillage, corn rootworm management, planter adjustment and maintenance, weed management, plant populations and row spacings, nitrogen management, and harvest management.

Below are seminar locations, with the telephone number of the coordinating Penn State Cooperative Extension office. Sites are subject to change and additional sites may be added. Call the number for the seminar location nearest you, the Penn State Cooperative Extension office in your county, or Ag Information Services at (814) 865-6309 to confirm dates and exact sites.

• **January 21 (9:30 a.m.-noon):** Blair Co. — Penn State Altoona Campus (814-695-5541, ext. 210); Bradford Co. Extension Office (717-265-2896); Centre Co. — Logan Grange, Pleasant Gap (814-355-4897); Franklin Co. Extension Office (717-263-9226); Huntingdon Co. — Huntingdon Vo-Tech (814-643-1660); Jefferson Co. — Penn State DuBois Campus (814-849-7361); Lancaster Co. Farm and Home Center (717-394-6851); Luzerne Co. — Penn State Wilkes-Barre Campus (717-825-1701); Lycoming Co. — site TBA (717-327-2350); Tioga Co. — site TBA (717-724-9120); Wayne Co. — site TBA (717-253-5970, ext. 239); and York Co. — site TBA (717-757-9657).

• **February 15 (1 p.m.-3:30 p.m.):** Beaver Co. Ag and Environmental Education Center (412-774-3003); Blair Co. — Penn State Altoona Campus (814-695-5541, ext. 210); Bradford Co. Extension Office (717-265-2896); Cambria Co. Extension Office (814-472-7986); Huntingdon Co. — Huntingdon Vo-Tech (814-643-1660); Jefferson Co. — Penn State DuBois Campus (814-849-7361); Lancaster Co. Farm and Home Center (717-394-6851); Schuylkill Co. — Penn State Schuylkill Campus (717-385-3431); Tioga Co. — site TBA (717-724-9120); and Wayne Co. — site TBA (717-253-5970, ext. 239).

February 22 (7 p.m.-9:30 p.m.): Blair Co. — Penn State Altoona Campus (814-695-5541, ext. 210); Cambria Co. Extension Office (814-472-7986); Chester Co. Government Services Center (215-696-3500); Dauphin Co. — Upper Dauphin High School (717-921-8803); Huntingdon Co. — Huntingdon Vo-Tech (814-643-1660); Jefferson Co. — Penn State DuBois Campus (814-849-7361); Lycoming Co. — site TBA (717-327-2350); Montgomery Co. 4-H Center (215-489-4315); Perry Co. Extension Office (717-582-2131); Schuylkill Co. — Penn State Schuylkill Campus (717-385-3431); Somerset Co. Extension Office (814-445-8911); and Tioga Co. — site TBA (717-724-9120).

For satellite dish owners wishing to view the seminar, satellite and transponder information will be available after January 4 from Ron Matason at (814) 865-6309, or from any Penn State Cooperative Extension county office.

Farmland Trust Presents Video Award

LANCASTER (Lancaster Co.) — The Lancaster Farmland Trust presented a Service Recognition Award to Jerry Greiner of Greiner+Herr+Company, a Lancaster-based advertising agency.

Greiner, a member of the board of trustees since 1991, was acknowledged for his service as director/producer of a video on the ethics and goals of farmland preservation. The video has 13-minute and 25-minute versions for television and other public presentations. Both are available for loan or purchase from Lancaster Farmland Trust.

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1941 unstyled JD G, engine rebuilt, runs excellent, but needs radiator and fuel tank repair. Asking $4,000. Call evenings (717)222-4432.

1980 6620 dial-a-matic chopper, very good, $24,900 Larry Stalter, "The Combine Man" 1-800-248-2151

1985 Zetor 6211 diesel tractor, PS, L/PTO, 3 pt., dual hyd., 52hp, 1150 hrs., 16.9x30 tires, very good condition, $5200. 908/359-5934.

1 JD 210C Backhoe Loader 717-573-2215.

19' hyd. flatfold cultipacker, $2500; Bale thrower wagon, w/1065 JD gear, $900 717-426-2659.

2255 Case IH loader, always shed kept. 717/933-4893.

(2) 3300 gas combines, 13' head, $4,950. and $5,950. Larry Stalter "The Combine Man" 1-800-248-2151

26' Smucker manure elevator, $1,000. John S. Smucker, 1646 Georgetown Rd., Christiana, PA 17509

2-70 White Tractor, 80HP, Rebuilt Engine, O/U, New Paint, 18.4X34. $6900. (717)867-4896.

326 NH baler, 256 NH rake, Farmall H tractor. Call evenings, (215)593-2689.

3 PTH Equipment, MF 8' Disc, Lily Spin Spreader, NI PTO Hay Rake, Mechanical 1R Transplanter, NH 7' 450 Sickle Mower, Bartville 1R Water Wheel Planter (New). Tom Wheary (717)687-0102.

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705 Unisystem w/727 husking bed, 735 3R corn head, $5000. 301-834-5123.

79 JD 350C crawler loader, ROPS, GP bkt., new pins, bushing, good condition, $11,000. 6pm, 717/656-9660.

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AC7010, good condition, ROPS cab, best offer; square bales; horse boarding. Near Gettysburg 717/337-0752.

AC WD45, WFE, w/82S Side Mower and Plow. $2500; (2)C w/Mowers $1200 Each, Good Condition. (216)966-2550 Evenings.

Allis Chalmer "6" with Hydraulics Cultivators and Mower $2500 OBO and Ford 600 $2000 OBO (717)432-2593.

Allis Chalmers 5040, like new, 510 original hours, 3 point, BO. 215/593-5479.

Antique JD LA tractor, nice, $2,000. 1-800-248-2151

ARPS 6' 3pt. snow blower, $225; Chattanooga 12' cultipacker, $850; JD 290 pull-type corn planter, $525; Int. 1100 pull-type mower, $975; NI 402 hay rake, $575. 215/562-4464.

Artsway #800 TMR mixer wagon w/scales, $6500; Gehl 100 feed grinder, excellent condition, $2250. 814/425-7094.

BACKHOE FORD 4500, diesel, ready to work, $5,500. 410-833-9091

BATWING MOWER WOODS B-320, demo, new, $7,500. 410-833-9091

Belt pulley for small Ford or Fergueson tractor, $65 717-534-1253.

Billy Goat PB110PIC 11hp 33" self-propelled walk behind industrial vac., like new, must sell. Call Jay 215-445-4541.

BUSH HOG 10' pull type mowers, complete, set up and ready to go, $3795 Taneytown Farm & Hardware, 410/751-1500.

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13- Hog Eq. & Supplies
14- Poultry & Supplies
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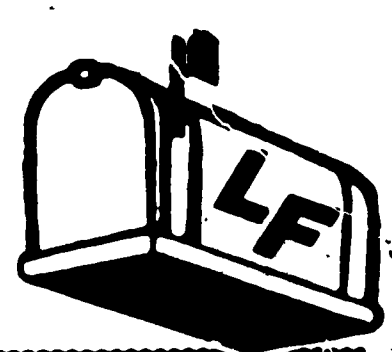

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F227 Continental engine rebuilt also 8 hp Kohler Mashum electric start engione. York Co. (717)229-2333.

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FORKLIFT, CLARK GAS, 2000 lbs., 10', old but runs well, $900 410-833-9091.

FORKLIFT PETTIBONE SUPER 6, Detroit power, rebuilt engine & trans., $6,500 410-833-9091

Ford 4500 diesel backhoe, good condition, good rubber, $5,800. (215)932-2767.

Ford 5000 gas tractor, 2000 original hours, $4550. Taneytown Farm Equipment, 410/751-1500.

Ford 5610 Series II, cab, air, 1000 hrs., $17,500; Ford TW-5, cab, air, 4x4, 1800 hrs. 814-425-7094.

Ford TW-25, Cab and Air, Dual Power, 1 Owner, Like New, 2200 Hours $21,500; White 2-155, Cab and Air, Good Solid Tractor $9850; Ford 7600, Cab, Dual Power. $7900; JD 4010, Low Hours, 1 Owner. $6500; JD 7000 6X30 Conservation Corn Planter, Dry Fertilizer, Monitor. $7500; New 5 Shank Deutz Allis 1500 Disc Chisel. $4750; Andrew's Farm (814)587-2450.

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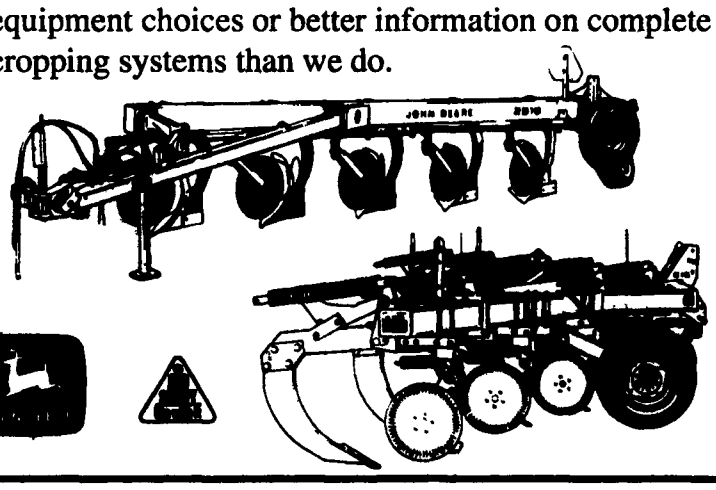

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750 No-Till Drill, Coming In Soon
*7200 4 Row Planter, Dry Fert.
*7200 6 Row Planter, Liquid or Dry Fert.

* After Season & Cash Discounts Now In Effect, No Interest Until April 1994

USED EQUIPMENT

TRACTORS

#1965-JD 4050, SGB, MFWD, Powershift, 932 Hrs....Call For Details
#1966-JD 4320, Year Around Cab, Recent Overhaul
JD 3020, Synchro, Narrow Front End.....Coming In
#2008-JD 1010 Gas, With 35 Loader.....$2,200
#2007-Ford 3000 Gas.....As Is $3,100
#1906-Ford 8N, Very Good Condition.....$2,500
#2009-Ford Jabilee With Loader & Snow Plow.....$2,900
#2005-JD 40, WFE, No 3 Pt. Hitch.....As Is $1,600

TILLAGE

#1971-JD 215 Duracushion Disk, 12'
#1972-JD 215 Disk, 12' With Spring Cushions
#1973-JD RWA Transport Disk, 12'.....$ 950
#1974-IH 350 Transport Disk, 10'.....As Is $. 600
#1968-JD 2600 Plow, 4-18", NU Bottoms, Spring Reset, Vari-Width
#1969-MF 880 Plow, 4-16", Hydraulic Reset.....$1,500
#1970-International Plow, 5-16", Safety Trip.....$ 950
#1976-Brady 9 Shank Chisel Plow.....$ 950
#1977/#1978-(2) Brillion FC-10' Transport Field Cultivators, C-Shanks....Your Choice $1,650
#1981-Brillion PDT-14' Transport Pulverizer w/Hyd., Like New
#1980-Brillion 13' Pulverizer, 4" Axle
#1979-10½' Pulverizer, Good Condition.....$ 550

COMBINES & HEADS

#1995-JD 6620 Titan II, 1985 Model, 3210 Hours
#1996-JD 4400, 1974 Model, Very Good Condition
#1997-JD 443 Cornhead, Thru Shop, Hi Tin
#1998-JD 215, Flexhead, Black Reel, Good Condition.....$5,800
#1999-JD 216, Flexhead, Black Reel, Good Condition.....$5,500

SEEDING EQUIPMENT

#1990-JD 7000 Planter, 4 Row 30", Dry Fert., Insecticide, Monitor
#1991-JD 7000 Planter, 4 Row 30", Dry Fert., Insecticide, Coulter, Monitor
#1992-JD 7000 Planter, 6 Row 30", Dry Fert., Insecticide, Unit Coulters, Monitor.....$6,750
#1993-JD 8300 Grain Drill, 18 x 7", Double Disk Openers, Depth Bands, Gang Press Attachment, Folding Tongue
JD 450 Grain Drill, 16 x 7.5", Double Disk Openers, Press Wheels.....Coming In

HAY & FORAGE EQUIPMENT

#1982-JD 1219 Mower Conditioner, Thru Shop.....$5,900
#1983-JD 336 Baler, Good Condition
#1984-JD 336 Baler, 30 Ejector, Thru Shop.....$4,500
#1986-JD 338 Baler, 40 Ejector, 3 Yrs. Old, Exc. Cond...$10,000
JD 338 Baler, 40 Ejector, Electric Controls, Hyd. Tension, Hyd. Tongue, 3 Yrs. Old.....Coming In
JD 3960 Forage Harvester.....Coming In
JD 3 Row Narrow Crophead.....Coming In
JD 5½' Pickup Head.....Coming In
#1985-JD 35 Forage Harvester With 2 Heads.....$2,500

MISCELLANEOUS EQUIPMENT

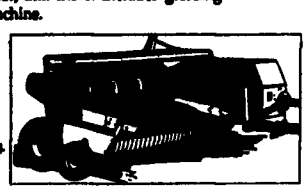
#2002-New Holland 680 Manure Spreader, Top Beater, Good Cond.
New Holland 335 Grinder-Mixer.....Coming In
#2000-Westfield 6" x 31' PTO Auger, Very Good
#2004-6" x 12' Hydraulic Auger, Fits Any Bin Wagon
#2001-Little Giant 14' Corn Drag With Electric Motor
#1962/#1963-(2) Country Boy Bin Wagons On Wagon Gears, Like New
#1961-McCurdy 230 Bu. Bin Wagon On Wagon Gear, Very Good
(7) Miscellaneous Bin Wagons On Wagon Gears.....Starting At $ 600

Here's the Deal for Rectangular Balers

Our 65-point preseason "inspection-only" rectangular baler special checks for the unexpected, assures you're ready to bale. Complete inspection includes checks of powerline, chains, twine knotter or wire twister, plungerhead, pickup, bale ejector, and more. Includes greasing entire machine.

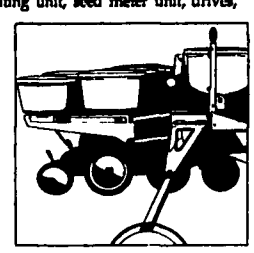
Just $99.00

Includes hauling. Repairs and parts extra.



"Go With the Green" Service Special

Complete 28-point preseason inspection including main frame, planting unit, seed meter unit, drives, electrical and moniter system, plus attachments.



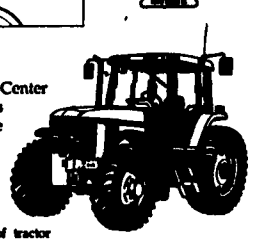
Just $150.00

Includes hauling. Repairs and parts extra.

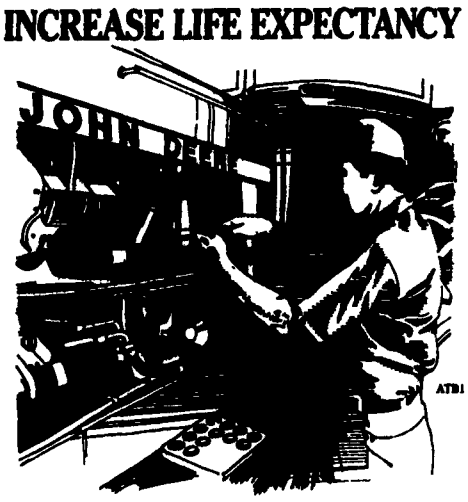
Tractor Service Special

All repairs done in the Ag. Service Center will receive a 10% discount on parts and free hauling.* All work must be scheduled by 12/31/93. All work must be completed by 1/31/94. All engine overhauls will receive a one-year warranty.

Note: All work must be paid upon delivery of tractor unless prior arrangements have been made. *Free hauling limited to 25 miles.



JOHN DEERE INCREASE LIFE EXPECTANCY



John Deere service adds years to your equipment's life.

Your equipment is a big investment. So you'd better make it last. Professional service from our John Deere-trained technicians can increase your machinery's life span.. and decrease your repair headaches. See us today.

Call Nelson today at (717) 484-4391 to make your appointment

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Hesston #10 stacker, good for corn stalks, $950 (301)898-7426

Hesston 4800 big square baler, field ready, $15,500 (215)598-7687

HIGH TORQUE DIESEL STARTERS with 3 yr warranty for most domestic tractors and select imports With 6 month no risk money back guarantee Call Gary D Sneath at 1-800-622-7892

IH 1486, cab, air, dual remotes, new tires, 2400 hours, like new, $15,900. 716/457-3070.

IH 340, gas w/front end loader, PS, 3 pt., runs well, $3,500 410-833-9091

IH 470 transport disc, 21 foot foldup, $2,000 (301)898-7426.

IH 5088, cab, air, 2740hrs, 3 remotes, like new, $26,500, IH 1066, TA, 2 remotes, $13,500 717/423-6719.

IH 5488, cab, air, triple remote, new rubber, 1982, 2900 hours, like new condition, $27,500; JD 2440, 1982, 2964 hours, ind. PTO, high/low shift, good condition, $8800. 717/423-6719.

IH 574 diesel tractor, 3pt, P/S, runs good, $4,000. IH 4 bottom 540 plow, excellent condition, $750 IH 3 bottom semi-mount plow, $750 IH 4R cultivator, $500 (609)767-0444

IH 656, gas, tri-cycle, new motor, outlets, TA, excellent rubber, $3,800 410-833-9091

IH 706, diesel, WF, 3 pt, 1,600 hrs, very clean, $3,800 410-833-9091

IH 720 spring reset plow, 5x18, excellent condition, $3500 NO Sunday calls Franklin Co 717-597-5004

IH 784, new TA & clutch, 2760hrs, 1983, $10,900, IH 656, TA, good condition, $4950 717/423-6719

IH 986 Engine Parts, D436, Crank, Head, Magnafluxed Checked, Plus Other Parts. (717)253-1708 9:00 to 11:00AM.

IH Super A good condition cultivators $2000; 26' auger $1000. 717/546-6505.

Inline Bale Wrappers. 504I and 504IS Vermeer Round Balers, Used. Snyder County. (717)539-8993.

Int. grain head, 13' fits 615 or 715 combine, excellent condition, $350. (215)885-1032.

JD 1250 tiger stripe tractor, clean original condition, 40hp Call 215/488-1733

JD 1937A ser#457971, $1,200 1936 JD A, ser#4400114, has factory cast hubs, casting #A1281R, ten spline, $1,200 1946 JD B, long dash, runs, $600 JD 620, excellent tin, runs excellent, $3,400 (607)898-3154

JD 2010, tricycle, very nice, field ready, $3,000 410-833-9091

JD 2350 tractor w/JD 146 loader, nice $13,800 (301)733-2195

JD2600 5-bottom plow, automatic reset w/hyd. steering, VG condition, 315NH baler w/hyd. press, used about 30,000 bales, VG condition 717/865-0288 No Sunday calls

JD 300 Lawn Tractor w/48" Mower, Good Condition, $1500. (215)445-4410

JD 3020 diesel tractor, side console, WF, runs very good, $7,500 JD 1450 5x18" plow, good bottom, $1,100 JD 3pt, 3 bottom plow w/coulters, $500 Case 970 tractor, excellent rubber, runs good, $3,850. NI 1R 310 picker, works good, $750 (609)767-0444

JD 3130 tractor w/hi-lo shift and independent PTO w/ cab, $4800; WANTED fenders for JD utility tractors 2030 or similar 215/445-6156.

JD 36' corn and hay elevator, very nice, $500. (301)898-7426.

JD 4020 side console, P/S, WF, $8,250 (301)733-2195

JD 4250 tractor, cab, air, 15 speed P/S, nice (301)733-2195

JD 42 Pull Type Combine, Very Good Condition (216)966-2550 Evenings.

JD 4400 combine, w/13' grain head, or 13' flex available, under 2000 hrs., $9000. 717-367-3801.

JD 450B crawler/loader, excellent, $9,500 OBO. Thom Wheary, Lancaster Co. 717/687-0102.

JD 55 combine, 1 head, excellent condition. (717)653-9175

JD 60, narrow front, $1,900. 410-833-9091

JD 630, tricycle, narrow front, $3,200. 410-833-9091

JD 1250 6R corn planter, dry fertilizer, monitor, plateless, mint condition, $1,000. (301)898-7426.

JD 720, diesel, tricycle, $3,200 410-833-9091

JD 830, 730, 630, and GW Call evenings 717-222-4432.

JD 830, 730 and 1951 G WF Call evenings (717)222-4432

JD B 1935 $2,000. F-14 1938 $1,500 Brillion 14' transport harrow, $1,300 Flow EZ 220 gravity wagon, $1,300 DMC 6x42' transport auger, $1,500 IH 12QA mower for parts $3,00 JD RG4 cultivator for parts, $300 JD A90 space heater, $175 (215)863-6308

JD F355H Moldboard Plow, 516" on Land Hitch, Good Condition Soybean and Sorghum Seed Drums for IH 400 Air Planter (814)839-2004 After 6PM

JD G W w/water pump, live hyd., power steering & 3pt. hitch, serial #27368, $2800; early styled G, very good, serial #23547, $1900; Case LA, very nice, 18.4x30 tires, serial #5329071, $2200; JD 300 corn picker w/243 corn head, $3500. 908/359-5934.

JD corn workers, fits 1949-50 B, $75 OBO. (410)357-4025.

JD High Quality Flex Heads 220, 216, 213. Shinabery Equipment, 517/523-2883.

JD High Quality Corn Heads 843, 643, 443, 444, 343 Shinabery Equipment, 517/523-2883

JD High Quality Combines 7720, 6620, 7700, 6600, 4400, Shinabery Equipment, 517/523-2883.

JD H Tricycle, electric start, PTO, draw bar, runs good, needs restoration, $1250; JD 3x14 trip plow, 3pt., $250. 215/759-1307 lv.message

JD loader #45 for 2-cyl. tractor, excellent condition, $275. 609/769-3183.

John Deere 14T Baler $150 Beford County. (814)793-4611.

KING OIL Best by Test Engine and Hydraulic Oil, Hi-Temp Grease, Vacuum Pump Oil. (717)243-9031.

Kinze 6 30" row double frame planter, dry fertilizer hoppers, cross fill auger, monitor, bean brush meters, corn meter, planted 400 acres, excellent, $14,500 410/557-8643 Jack

Kubota B9200 tractor w/ Woods RM 500 finish mower, 700 hrs., excellent condition, $7,500. (215)932-2767.

Late Int 715, German diesel, grain head & corn head, $7,950. Larry Stalter "The Combine Man" 1-800-248-2151

Liquid Spreader, Martin tandem 2400 gal, open top, $2500. 717/352-8885

Little Giant 40' bale elevator, $600 215/383-7710

LOADER ATTACHMENT IH 2450 mount-o-matic w/QT 8' bucket, very little use, lifts 16', $2,500. 410-833-9091

LOADER ATTACHMENT IH 2250 mount-o-matic, $2,200. 410-833-9091

LOADER ATTACHMENTS New Du-Al, fits all makes & models, 20% off. 410-833-9091

LOADER TRACTOR IH 3514, rebuilt motor, weight box, 3 pt. & PTO available, $2,800. 410-833-9091

LOADER TRACTOR AC 200 w/Allied 760 QT loader, 3,700 hrs., runs very well, $5,800. 410-833-9091

Loader, 2250 Case-Int. w/7' material bucket, very good condition, used less than 350hrs., $2800. 717/626-8912.

MANURE SPREADER NH 790, tandem, 2 beater, $1,600 410-833-9091

Manure Loader, Will Fit John Deere 420 Crawler with Mounting Brackets $500 Bedford County (814)793-4611

MF1135, C.A.H., 140hp, 2700hr, $7500; MF1085, CA, rebuilt motor, $4500. 215/445-5598

MF 1143, $2,850.; IH 843, $2,850, IH 863, $4,950.; JD 444, $2,950.; 443, 95% rolls, $4,100.; Gleaner A-4 wide (F2), $2,650.; Orange 3-30" (F), about new, $1,950, A-630 (M2), $5,950.; Deere & IH grain heads. Larry Stalter, "The Combine Man" 1-800-248-2151

MF 1155 fender, runs & operates well-no joke, $4,500 410-833-9091

MF 200 dozer, 6-way blade, $4000. 609/965-7468.

MF 255 DIESEL w/16 spd., 2000 hours, outlet, 3pt., runs well, $5,000 410-833-9091.

MF 850 combine, 2,100 hrs, shed kept, 1859 flex and 1164 corn heads, excellent condition. Best offer. (301)694-8624.

MINNEAPOLIS MOLINE PARTS NEW AND USED AND TRACTORS. EVERETT BROS. 614-922-3335.

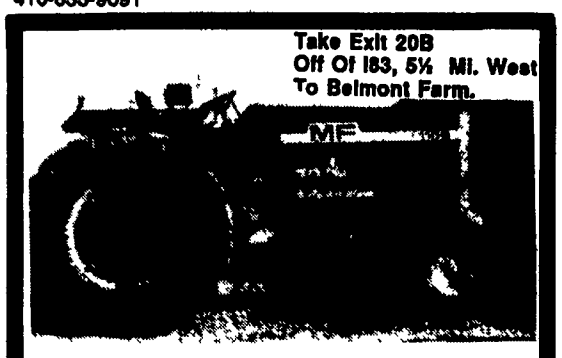
McCurdy Gravity Box w/ Extensions. Franklin County (717)328-2336.

New Holland 355 mill, excellent condition, $2500. Call Jack 410/557-8643.

MOTOR GRADER, Small Galion w/rebuilt gas engine, $2,000 410-833-9091

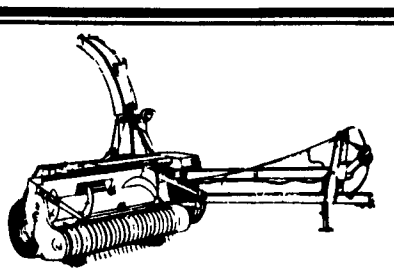
MOWER WOODS 15' Batwing, new, $5,300. 410-833-9091

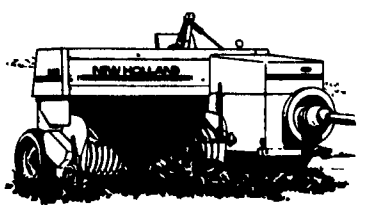
New Haban 48" snowthrower for Satoh Mitsubishi tractors. Still in box. Make offer. Jay 215-445-4541



Take Exit 20B
Off Of I83, 5½ Mi. West
To Belmont Farm.

MF 1155
8 Speed, Runs Well
$4,500
410-833-9091





Ford
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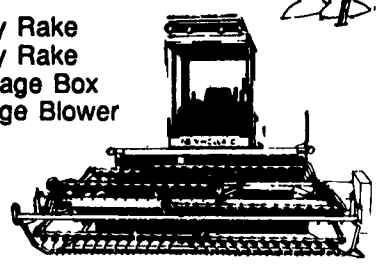
NEW HOLLAND

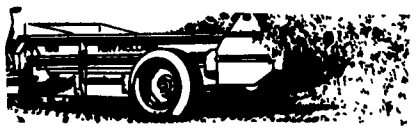
Year End Clearance Prices

570 Baler w/72 Thrower
630 Round Baler
848 Round Baler
144 Windrow Inverter
254 Rake Tedder

256 Hay Rake
258 Hay Rake
816 Forage Box
28 Forage Blower



This Month Special Priced Items.
Call For Information



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$17,000 Choice

J & F Equipment

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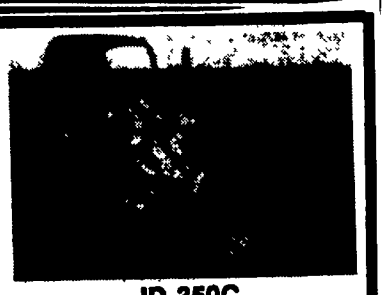
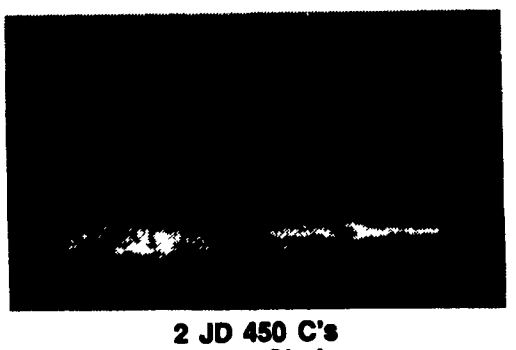
No Reasonable Offer Refused
Custom Repairs On All Makes Industrial & Farm Equipment



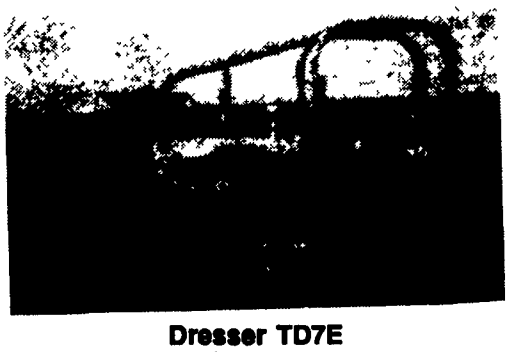
JD 350C
Rebuilt Motor, new tracks, good UC $13,000

WE ARE BUYERS FOR CONSTRUCTION EQUIPMENT NEEDING REPAIRS

Case DH4 Diesel Backhoe Trencher	$6,000
'87 Case 1835B	$7,500
Case 450 Crawler Loader, new paint, rebuilt motor	$7,200
'84 JD 455D Crawler Loader, new tracks, new paint, excel. machine	$18,000
Cat 955H crawler loader, new pins, bushings & sprockets, real strong machine	$9,000
Dresser TD7E, 6-way	$13,000
IH 500C Crawler Loader, 4N1 Bucket	$6,500
JD 310A Backhoe, full cab, real shape machine	$10,500
JD 350 crawler loader	$8,000
JD 440B log skidder, 90% rubber	$11,000
JD 450C Crawler Loader, Rebuilt Motor, New Pins & Bushings	$13,500
JD 450C, 6-Way, rebuilt motor, trans, new paint	$14,000
Komatsu D65S Crawler Loader	$10,500
Mitsubishi 90 excavator, good cond.	$18,500



2 JD 450 C's
$13,500 Choice



Dresser TD7E
$14,000

Holiday Special!

New Ford 3930, 4WD, 8x8 Sync. Trans.
New Ford 3930, 8x2 Trans., 3 Pt., ROPS
New Ford 455D, Tractor, Loader, Hoe & Cab
New New Holland L454 Skid Loader
Ford 1210, 4WD, Hydro. Trans., w/Loader
Ford 1300, 4WD, Ford 1510 w/Under Mtd. Mower
Ford 1900, 4WD, Real Nice, Ford 600, Runs Good
Ford 8600, Ford 5000 And Ford 900
MF Mod. 1010, 4WD, w/Frt Pwr Ang Bld, 158 Hrs.
Jubilee, Ford w/Side Mtd. Sickle Mower
Versatile, Model 276, 4WD, Cab, Ldr, 3 Pt., PTO
Ferguson Tractor w/Loader, MF 35 w/Kelly Loader
IHC Farmall, Model 300 w/Loader
IHC Cub Low Boy, Model 154, Good Condition
Leyland Model 154, 3 Pt., PTO, Clean
Ford 8N w/Front Blade, And Davis Hoe
Ford 4110, Hi/Lo Range Trans., 3 Pt., PTO
Ford 535, Tractor, Loader, Hoe
Ford 3400, Tractor, Loader, 3 Pt., 540 PTO
Ford 800 w/Sherman Hoe
Ford 540, w/Mo-Trim Boom Mower
Ford 3400, w/Side Mtd. Tiger Flail Mower
New Ford Compacts, 1320- 1620- 1715- 1720- 1920
New Eager Beaver 20 HALX Trailer
New 6 Ton Trailer, 18 Ft., Dual Axle Utility Trailer
JD Model 332 Diesel Eng., Hydrostatic, w/50" Deck
Case IHC Model 8530 Baler, Good Condition

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6300 MFWD w/640 Loader

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JD 7600 CG, Cab, PS
JD 7700 PS, MFWD

Compact Utility Tractors (New)
JD 755
JD 870

Spreaders
JD 874

Tillage
JD 875 4R Cult.

Forage
JD 3950 Harvester
JD 3970
JD 3RN Head

Planters
JD 7200 6RN w/L fert.
JD 7200 6RN Vacuum w/Liquid Fertilizer
JD 7200 4RN w/Dry Fertilizer

Drills
450 10' & 12'

Balers
JD 335
JD 348
JD 375
JD 385

Mower Conditioners
JD 1219
JD 1460
JD 1600, 14'

USED
JD 2150 MFWD, Nice, New JD Loader Available
MF 1020, MFWD, Very Nice
Ford 8N
JD 4040, QR, 4 Post
JD 4230 4 Post w/ Enclosure
Case 1370
JD 216 Flex head
JD 650 3 PTH Rake
JD 1250 3 Bottom 3 Pt. Plow, Nice
JD 1440 w/Dry Fert.
JD 1209
JD KBA Disc
NH 489 Haybine
NH 499 Haybine
Vicon Mower Conditioner
3 Wood Square Bale Wagons SOLD
Gehl Forage Wagon
Badger Forage Wagon
NH #8 Forage Wagon
61 SOLD at
632 Bobcat
643 Bobcat
White 543 6R Corn Planter w/Monitor
White 5400 6R w/ Monitor
Kelly Ryan Platform Feeder

Used Lawn & Garden
Simplicity 7790 Diesel w/Mower & Vacuum System, $3,395, Very Nice

Rotary Cutters
JD 603
JD 1018

Loaders & Blades
JD 540
JD 640

JD HAY TOOLS

Waiver/Discount

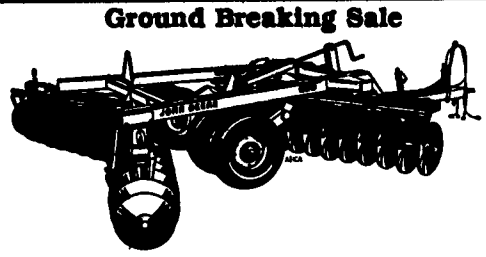
All Mo Co's, Square Balers, Round Balers, PTO Forage Harvesters, Blowers, Rakes And Mowers.

PRE-SEASON JD CORN PLANTER PART SPECIALS

Order between November 1 and December 31, 1993, Orders Over $300 Put On FARM PLAN Receiving 90 Day Same As Cash From Date Of Delivery.

New Max-Emerge II Planters
Waiver Til April 1, 1994, Cash & Discounts

Ground Breaking Sale



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Waiver/Discount Expires 1/31/94

NEW HOLLAND ELEVATOR COMPANY
New 30' and 36' Elevators; rebuilt elevators half of new. New parts for Model 155. We will trade, buy or rebuild your used or damaged NH Elevator. Thank You. Thom Wheary, Jr. 717/687-0102.

New 215 bu. gravity box, $700. New brand name gear, JD 1209, late, reconditioned $2,200. JD toplinks $150. Widefronts available. Newswanger Farm Shop. (215)683-5970.

New 48" belly mounted Mitsubishi mower for 372 tractor, $500 OBO. Jay 215-445-4541.

NH 256 rake, $1375; Int. 5' pull type rotary mower, $750; Ford Jubilee tractor, $2950; Ferguson 20 tractor, real nice, $2700; Bush Hog 7-tooth chisel plow, $1250. 215/562-4464.

NH 328 baler w/drop chute, hydroformatic, excellent condition, best offer. (717)359-9688.

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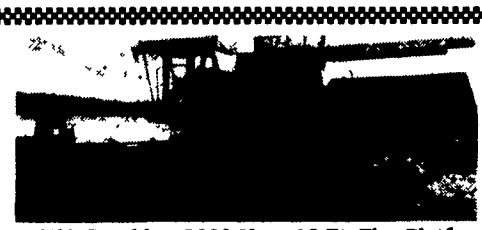

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NH 304 Slurry Spreader
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A 6R 30" Head for AC Combine
JD 220 18' Disc Harrow
JD 1240 Planter
JD 7000 12R Corn Planter
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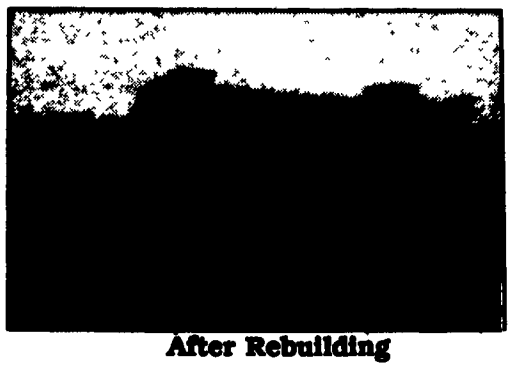

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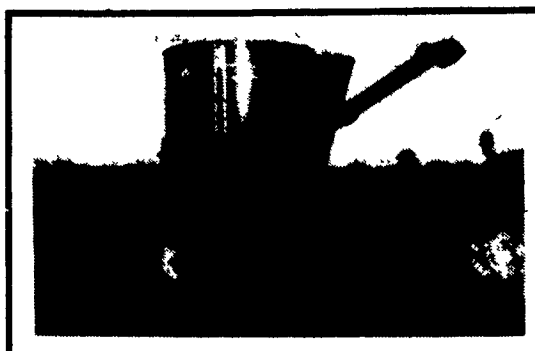

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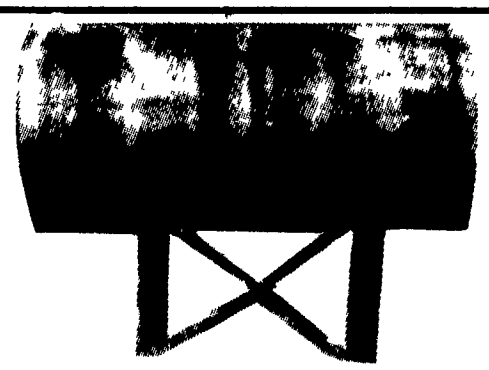

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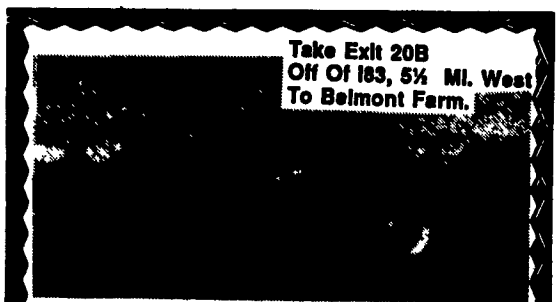

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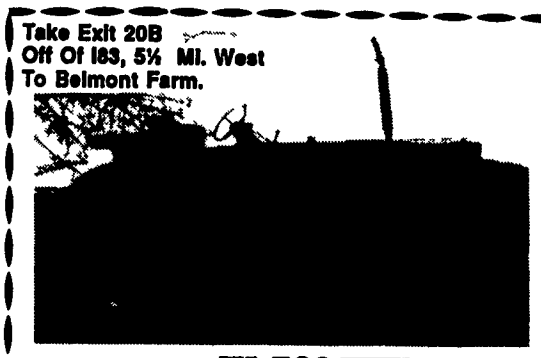

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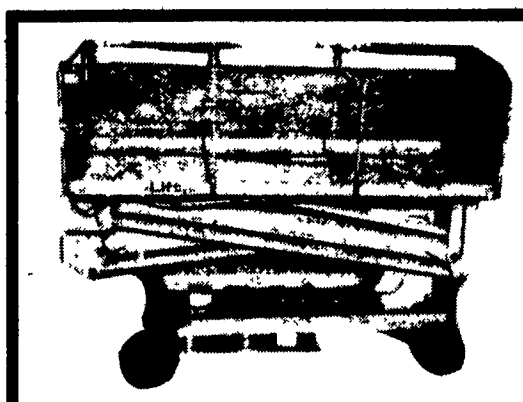

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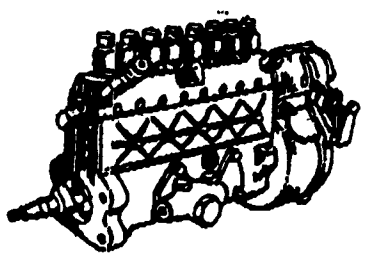

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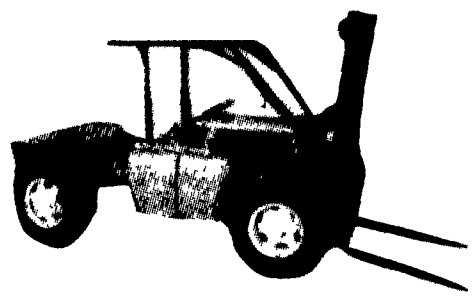

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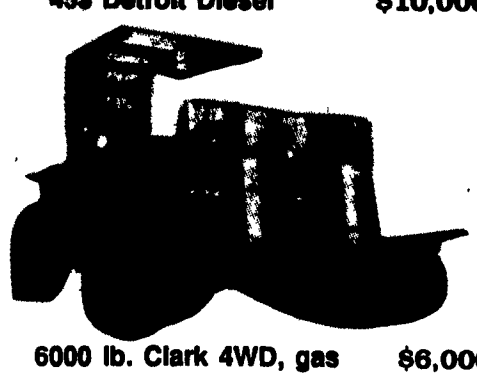

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- NH 492 Haybine, 1 Yr. Old
- NH 495 Haybine, 12'
- NH 770 Chopper w/Hay Head & 2 Row Corn
- NH 770 Chopper & Grass Head
- NH 1496 Haybine, 1,000 Hrs.
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- New Tye Drill, 10'
- NH 278 Baler w/Thrower
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Hours: 8:30-5:00 Mon. Thru Fri.
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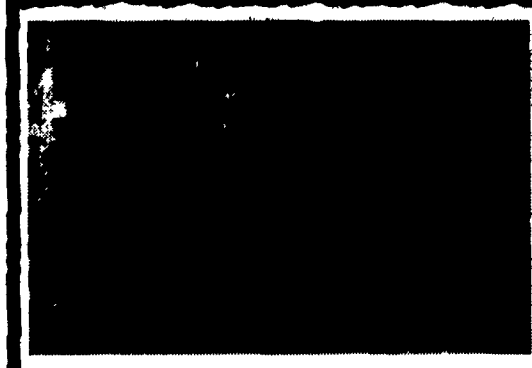

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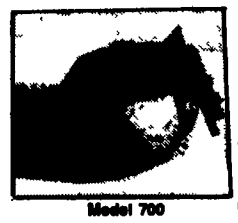

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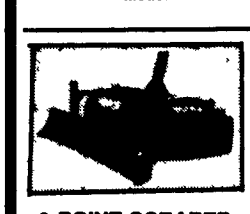

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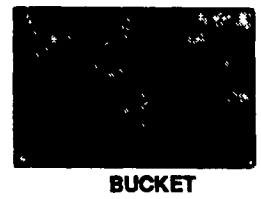

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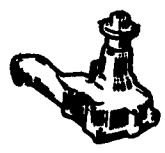

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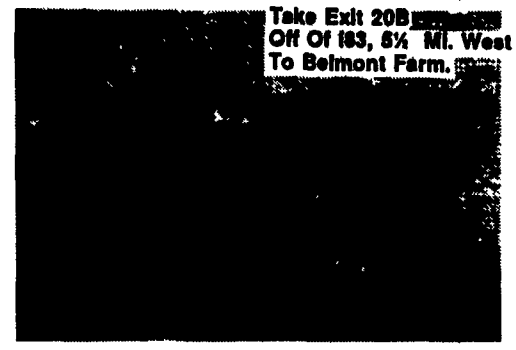

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NH 488 Haybine
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Gehl CB600 w/2 Heads
Gehl 99 Blower
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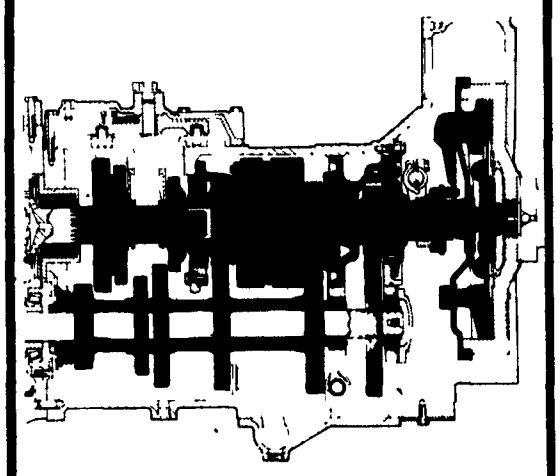

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FNH 144 windrow inverter, like new
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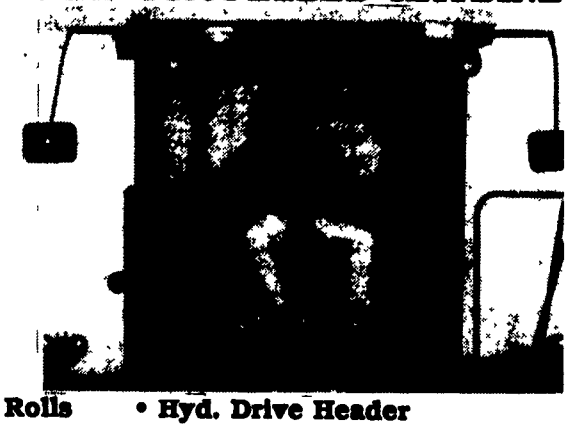
NH 2450, 2550 SELF-PROPELLED HAYBINE

All New From The Ground Up For '94



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NH 144 Inverter	$ 4,350	$ 2,950
NH 166 Inverter	$ 5,250	$ 3,650
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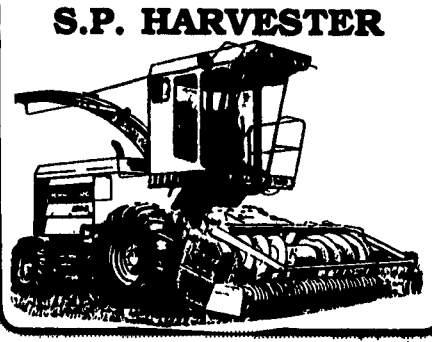
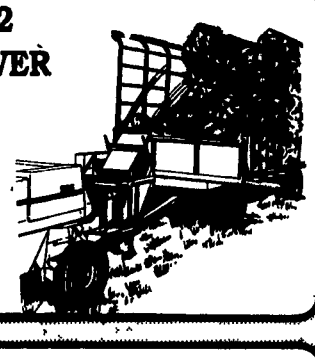
NH 308 Slurry Spreader	$15,300	$11,500

NH 1915 & 2115 S.P. HARVESTER



NH 565, 570, 575 BALER w/72 THROWER



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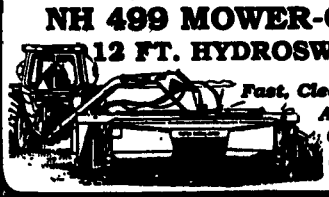

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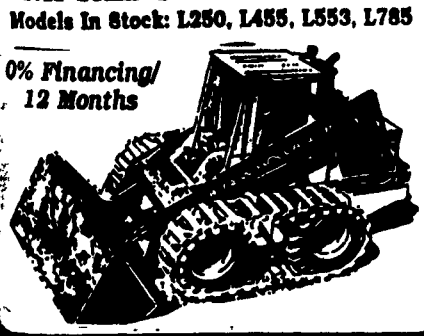

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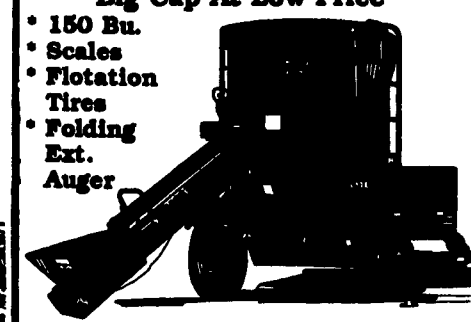

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- NH 256 Hay Rake
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- Case IH 5100 Grain Drill With Press Wheels
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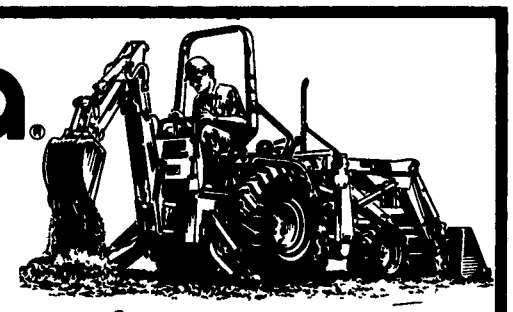

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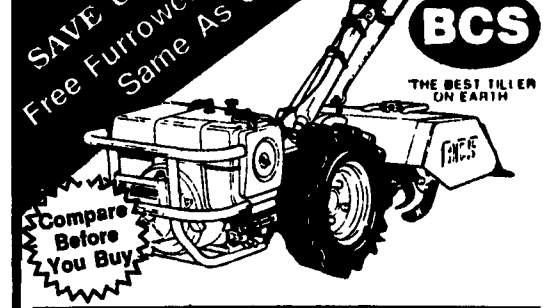
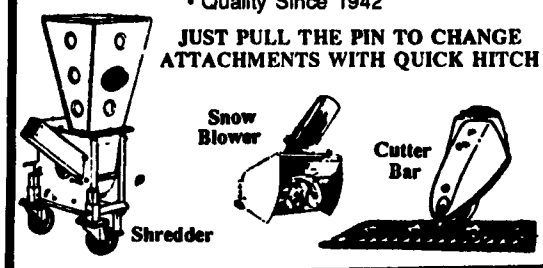
SAVE UP TO $500!
Free Furrower. Get 90 Days Same As Cash!
BCS
"THE BEST TILLER ON EARTH"
Compare Before You Buy



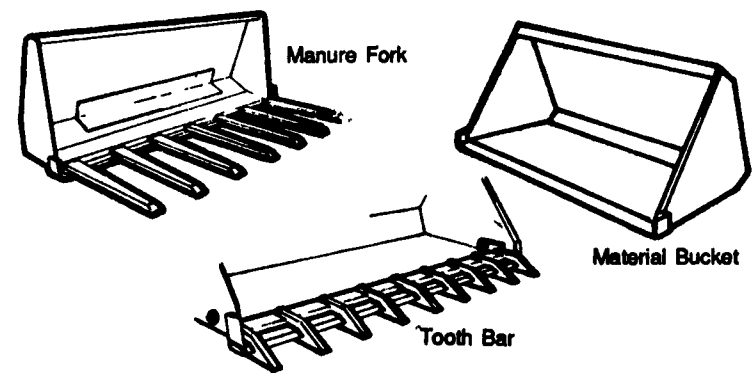
FREE TILLER ATTACHMENT
w/Purchase Of 605 12 HP Tractor!
Lifetime Warranty All Gear Drive Transmission
• Adj. Tiller Width • 5-14 HP Eng.
• Recoil or Elec. Start • Quick Change Handle Position
• Quality Since 1942

JUST PULL THE PIN TO CHANGE ATTACHMENTS WITH QUICK HITCH



17 Years of Professional Sales & Service
717-738-4215
WES STAUFFER ENGINES & EQUIPMENT
Mon. & Wed. 8-5:30
Tues., Thurs. & Fri. 8-8; Sat. 8-3
23 Pleasant Valley Rd.
East of Ephrata off Rt. 322

ATTACHMENTS for Skid Steer Loaders



- Standard or Custom Sizes
- Hardened, Beveled Edge
- 7 gauge Material (other gauges available)

Call for a Quote!
PA (717) 354-8721
US (800) 342-0905

ATI CORPORATION
325 West Main St., New Holland, PA 17557

Coming...
Binkley & Hurst Bros., Inc.
Annual
DISCOUNT
CASH & CARRY DAYS
Starting Monday, December 20th, 1993
Thru Saturday, January 8th, 1994

BIG SAVINGS ON PARTS

Year End Discount Machinery & Tractor Deals Are In Effect Now As You Read This Ad!

See Last Week's Ad Plus Check Dec. 18th Issue For More Coming, Plus Full Details On Parts Discount Specials!

Note: New Machinery With Factory Rebates And Low Rate Financing Expire Dec. 31, 1993

COME IN NOW AND GET A SUPER DEAL ON ALL NEW & USED FARM & CONSTRUCTION EQUIPMENT NOW!

BINKLEY & HURST BROS. INC.
133 Rothsville Station Rd.
Lititz, PA 17543
(717) 626-4705
1-800-IT-PAYS U
After Hours Emergency Parts Call:
(717) 626-0885
(717) 626-5159
(717) 859-8768
MasterCard DISCOVER
Farm Plan. A Service of FPC Financial

MARK THESE IMPORTANT DATES NOW!

Dec. 20 Thru Jan. 8-94 Binkley & Hurst Bros. Inc. Cash & Carry Discount Days At Our Parts Dept. Machinery Discounts Are In Effect Now! Don't Wait!

Jan. 8 Thru 13th Penna. State Farm Show (See Us At Our Display Area)

Jan. 26 Binkley & Hurst Bros. Customer Appreciation Day and Open House With Very Important Messages Of Agricultural Interest For Today and Tomorrow. Including Pesticide Certification Program/ Spraying Points Will Be Given!

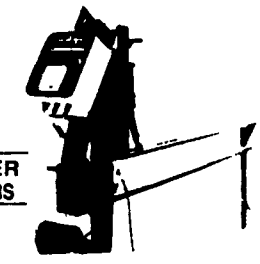
PARTS For KINZE and John Deere® Planter Row Units And New Idea Built By KINZE

Not Only Do We Have Your PARTS...
We Can Also Test Your Finger Pickup Row Units On Our Computerized Test Stand

KINZE • JOHN DEERE • NEW IDEA • KINZE • JOHN DEERE • NEW IDEA • KINZE • JOHN DEERE • NEW IDEA • KINZE • JOHN DEERE • NEW IDEA • KINZE • JOHN DEERE • NEW IDEA • KINZE • JOHN DEERE • NEW IDEA • KINZE • JOHN DEERE

HAVE YOUR CORN PLANTER READY FOR SPRING!
Now Testing
• KINZE • JOHN DEERE
• CASE IH • NEW IDEA
Computerized Testing Means More For Your Money!

FINGER PICKUP ROW UNITS	ROW UNIT SEED COUNT SENSORS	PLANTER MONITORS



Drop Them Off Or Ship Them Into Us

WE REPAIR

AFTER ROW UNIT IS REPAIRED WE TEST RUN EACH ROW UNIT ON OUR COMPUTERIZED TEST STAND TO MAKE SURE EACH UNIT IS PLANTING TO MAXIMUM EFFICIENCY - THEN WE GIVE YOU A READ-OUT OF EACH ROW UNITS' PLANTING ACCURACY

DON'T WAIT! Call Binkley & Hurst Bros. Now And Schedule Your Winter Repair... Save $ And Be Ready When Spring Rolls Around!
717-626-4705 OR 1-800-IT PAYS

MAGNUM

ENCORE PERFORMANCE.

Comes from Binkley & Hurst Bros. Inc. In Stock For Delivery, Yet This Month For A Super Year End Deal!

INTRODUCING THE 7240 MAGNUM.

You appreciated the original MAGNUM™ line for what it gave you ... morereliability, durability and performance.

Now you deserve an even higher standard of agricultural power: the new 7200 Series MAGNUM line. With a choice of five tractors, including the big 7240 with 195 PTO hp.

Here are a few of the highlights:

- A high-technology Case 8.3 L 505 cu. in. engine that provides more fuel-efficient power.
- A standard 18-speed powershift transmission that combines the right speeds with even more control.
- Up to 11% tighter turning capability.
- Operator comfort, instrumentation and visibility that's better than ever before.

Stop by today and see the new 7200 Series MAGNUM tractor line ... the fitting encore to the quality standard set seven years ago.

Just Arrived For A Super Year End Deal Now Don't Wait!

Case IH Tillage Equipment Available

(1) Case IH #14 Subsoiler 3 Pt. 5 Shank Automatic Reset. This Machine Can Open Up Your Hardpan To Allow Deep Winter Freezing For Better Soil Conditions In The Spring.

(2) Heavy Duty Model 145 Rollover Automatic Reset Plows, 3 Bottom 18"

(3) New 3 Bottom Spring Automatic Reset Model 450 3 Pt. Plow

FOR A SUPER FINE FINISH CONSIDER A NEW MODEL 4800 CASE IH FIELD CULTIVATOR FROM BINKLEY & HURST...
Automatic Self-Leveling For Uniform Depth Control And Oscillating Tandem Axles - 2 Sizes In Stock!

(1) Model 4800, 25.1' w/45 Shanks, Ave. Transport Width 10'2"

(2) Model 4800, 22.9' w/41 Shanks Ave. 9'2" Transport Width Mulcher Attachment

(3) In Stock: New Case IH 3800 Disk Harrow, 12'2" Cut, Spring Cushion Self-Leveling Hitch, Rockflex Bearing Hangers, Set-Up & Ready to Work Hard!

Other New Case IH Material Handling Equipment

(1) Economy Priced Case IH 2200 Loader With 72" Bucket, Fits 385-395-485-495 and Older Model Tractors

(2) Case IH Model 1350 Grinder Mixers, Big Capacity 150 Bushel With Scales

BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
(717) 626-4705 1-800-IT PAYS U

case IH

Make it Milk SM

Best Buys In Used Equipment

Nice Ready To Work A.C. 6080 Diesel Tractor, Approx. 80 HP Plus Turbo Diesel With 18.4x34 Radial Tires

~~$11,900~~

Let's Get Together Now On This Good Condition 80+ Horsepower Tractor Now!

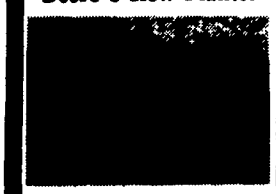
MF 1155 Cab Tractor With Dual 540-1000 PTO

Only $7,900
Good Running HP

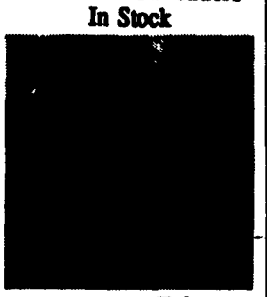
Nice Clean Good Condition MF 2705 Tractor Cab & Air

Approx. 2600 Original Hrs., Good Rubber
$15,600

Good Used John Deere 6 Row Planter



Several Good Used Case 1840 Uniloaders In Stock



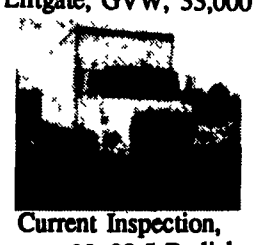
Come and Take Your Pick!

162 HP IH 5288 4 Wheel Drive With Cab & Air

IH 656 Diesel Wide Front, Fast Hitch

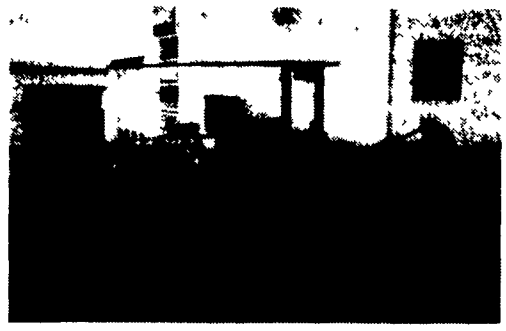
UT2877 Make A Year End Clearance Deal Now!

Ford LN8000 Cat Diesel Powered Van Body Truck 1985, Good Engine, 5+2 Trans., No Rust, Good Interior & Upholstery 22' Van Body w/Hyd. Liftgate, GVW, 33,000



Current Inspection, 11:00x22.5 Radials
$12,500

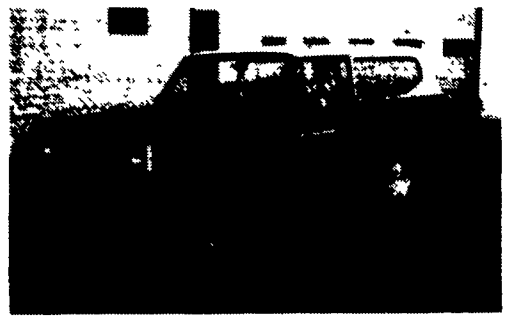
UT2852 Case 30 HP Diesel Trencher, 4 Wheel Drive Hydrostatic



With Trencher, Dozer Blade And D100 Backhoe, Was Purchased By A Local Contractor, Approx. 2 Years Ago For $12,900
We Now Offer A Super Year End Bargain Of Only

$6,900
Cash & Haul Away Now!

4 Wheel Drive International Harvester Scout Truck



New Sheet Metal & Paint, Come And See And Get A 4 Wheel Drive Snow Machine Now! Very Low Mileage

Good Used Case 1845C Diesel Uniloader

UT2924, With Aux. Hyd. 2172 Hrs., Don't Miss This One

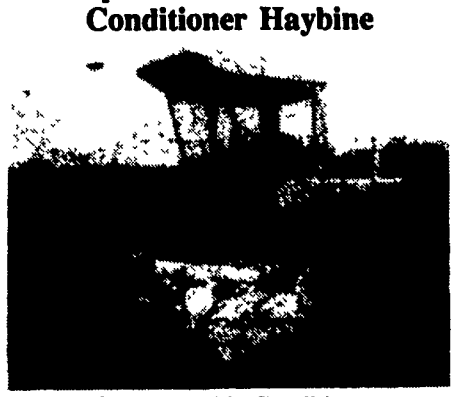
$13,850

2 Good Case 580 E All Wheel Drive T.B. Loaders With Cabs

(1) With Extendahoe
(1) With Standard Hoe

Don't Wait, May Be Sold Before You Read This Ad, Ideal For Winter Snow Removal

Don't Miss This One! Diesel New Holland 1496 Self Propelled 12 Foot Mower Conditioner Haybine



Cab With Air Condition.
Call And Ask For Landis Today And Get A Good Year End Discount Price!

UT 2898 1 Owner, Case 1845 Diesel Uniloader With Large 73" Material Bucket Engine Block Heater, New 12:00x16.5 Tires, Rear Counterweights, Good Clean Skid Loader

$10,500

Several Others In Stock Come and Make Your Special Year End Discount Deal Now!

BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
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case IH

Best Buys in Used Equipment

USED FARM MACHINERY EQUIPMENT

(1) UT2903 Good Condition New Holland Model 1496 12 Foot Diesel Self Propelled Haybine With Cab & Air With Waiver To May 1, 1994 With Approved Credit & Deposit, Waiver Means No Payments No Interest Charges If You Make Your Deal Now!
(2) UM2364 M&W 500 Bu. Grain Cart
(3) UM2330 Like New Case IH 8430 Round Baler With Gathering Wheels With 47"x30" to 51" Dia. Round Bale Up To 1000 Lbs. ..... Price $9,750
Eligible For 37 Monthly Paym. At 7.9% W/Approved Credit
(4) UM2296 Gehl 1580 Forage Blower 1000 RPM, Large Drum $1,975
(5) UM2290 John Deere Model 315 Transport 15 Foot Disk Harrow $2,950
(6) UM2279 Case IH Model 60RS 3 Pt. Finish, 60" Turf Mower, 3 Blade With 4 Gauge Wheels, Mowed Less Than 30 Acres.
(7) UM2206 No-Till Heavy Duty Drill 15x7 With Double Hopper, Double Disk Openers, w/Hyd., Rear Hitch, Acre Counter
(8) UM2198 New Ideal 325 2 Row Narrow Pull Type Corn Picker With 12 Roll Husking Bed In Good Condition (Make Offer)
(9) UM2335 Heavy Duty Dutch Bros. 8'x18' Bale Body Wagon On 8 Ton Wagon, Almost New $1,895
(10) UM2360 John Deere 6 Row x 30" 3 Pt. S Tine Row Crop Cultivator With Depth Wheels, Good Condition
(11) UM2380 John Deere 8200 Grain Drill 18x7 ..... Only $2,200
(12) UM2379 18.4x38 Firestone Axle Mount Duals For 3¼" Axle Off 986 Tractor, Nice ..... Only $795
(13) UM2336 Owatonna Model 229 9' Mower Conditioner
(14) UM2292 New Holland Model 30 Blower, 1000 RPM $1,395
(15) UM2291 Hesston Model 1070 Mower Conditioner 7' Cut, In Good Condition $2,650
(16) UM2283 JD 7000 6 Row Planter, 30" Spacing w/Liquid Fertilizer, Reconditioned & Tested
(17) UM2131 JD 1560 12' Disk Harrow, with 11" Blade, Spacing, New 24" Notched Blades On Front & 20" Blades On Rear $3,250
(18) UM2267 JD 7000 Planter 6x30 Liquid Planter, Reconditioned
(19) UM2265 JD Model 215 Dura Cushion 13' w/Hyd. Cylinder $3,795
(20) UM2263 Gehl 2170 Mower Conditioner 9', Sold New
(21) UM2260 JD 210 Disk Harrow 14' $2,650
(22) UM2258 Hesston 1085 Mower Conditioner 9' New Guards, Knife and Slip Clutch, Nice! $3,980
(23) UM2251 IH 13x7 Single Disc Grain Drill w/Grass Seed & Fertilizer, Model MF ..... ~~$1,350~~
(24) UM2250 12' Oliver Transport Field Cultivator w/27 Shovels, Fair $950
(25) UM2236 A.C. 16' Hyd. Fold Field Cultivator, No Cylinder $2,150
(26) UM2234 Case 7 Shank Coulter Chisel Soil Controller $3,650
(27) UM2232 Badger 950 Forage Box On 12 Ton Tandem Gear ..... Priced To Sell
(28) UM2323 Case IH 510 Loader w/84" Bucket To Fit Maxxum 5130 & 5140 Model Tractors ..... $4,980 tmt
(29) UM2222 JD Grain Drill Model FB-B, 13x7 Single Disc w/Fertilizer & Grass Seeder ..... ~~$1,350~~
(30) UM2203 White 506 4x16 Auto Reset Plow New Moldboards
(31) UM2190 New Holland 316 Square Baler w/Thrower
(32) UM2395 Ford 5 Bottom 16" Spring Auto Reset Plow With Hyd. Slide Hitch ..... Only $1,750
(33) Case IH Model 510 Grain Drill 16x7 With Staggered Disc Openers, Grass Seeder, Lift Cylinder & Hoses, Fertilizer Attachment But Not Used, 7.50x20 Dual Rib Tires ..... Only $2,950
(34) UM2393 Sunflower 21 Foot Hyd. Fold Wing Disk Harrow, Model 1232, Ready To Work
(35) UM2396 Massey Ferguson Model 43 22x7 Grain Drill With Staggered Single Disc Openers, With Lift Cylinder ..... Only $1,750
(36) UM2398 3 Axle Tag-A-Long Trailer 16,800 GVW With Safety Brake Away For Pa. Inspection, Inspection Good Till 2-94, With Beavertail and Ramps, Big Enough To Haul Case 580 Backhoe ..... Only $1,950
(37) UM2399 Brillion 11 Shank 32" Hi-Clearance Chisel Plow, Good Shovels $1,250

Best Buys In Manure Handling Equipment

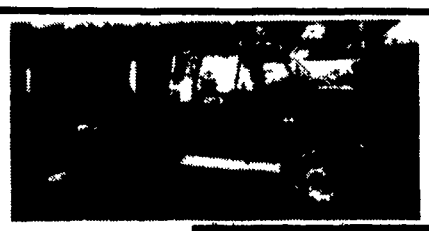
(1) UM2204 1000 Gal. Top Fill Manure Tanker w/Hyd. Endgate $1,600
(2) UM2326 Calumet 3750 Gal. Top Fill w/18x22.5 Rubber ..... Only $3,900
(3) UM2297 Better Bilt PTO Pressure Pump 3 Pt. Hitch, 900 GPM (Ask for Merv) $1,200
(4) UM2320 Better Bilt 2400 Gallon Top Fill w/New Tank 1 Year Ago, 16.5x16.1 Flotation Tires, Front Injectors ..... Only $3,900
(5) UM2359 2½ Year Old Husky 34' Lagoon Pump 8" Dia. 6000 GPM, w/Vertical Deflector, 1000 RPM, All Hyd. Controls $5,675
(6) Calumet 2250 Top Fill Manure Tanker In Excellent Condition ..... Only $3,900

Best Buys In Used Skid Loaders, Forklifts, Backhoes, Etc.

(1) IH 9000 4 Wheel Drive Diesel Forklift, 34' Lift, 4000 Lbs. $4,900
(2) UT2909 Case 1818 Diesel Uniloader 18 HP Only 180 Hrs. $7,250
(3) UT2875 Gehl 33 HP Skid Loader 33 HP Diesel, Low Height For Easy Clearance, 54" Width $6,900
(4) UT2902 Gehl 4610 Diesel, Sold New By Us, 1488 Hrs, Big Flotation 10:00x16.5 Tires, 65" Large Capacity Bucket, 44 HP $9,250
(5) UT2852 Case 30 HP Diesel Trencher 4 Wheel Drive Model 30+4 Articulated With D100 Backhoe, Trencher Attachment, And Dozer Blade All In One Compact Machine Buy This 1986 Model $12,000 Machine Now For Only $6,900
(6) UM2377 73" Dirt Type Low Profile Bucket To Fit Case 1845C Uniloader, Almost New $400
(7) UT2898 Case 1845 Uniloader 1 Owner, 1982 Model, Nice!
(8) UT2883 Case 1845B Diesel Uniloader With 80" Bucket
(9) UT2887 Case 1845B Diesel With 72" Dirt Bucket ..... $8,500 Nice!
(10) UT2832 Case 1830 Uniloader Gas 30 HP With 60" Utility Bucket With 4 New Tires ..... ~~$5,450~~ $4,950
(11) UM2208 Backhoe Attachment To Fit Case 580C Or 580B Tractors, Extendahoe Type 17 Foot Reach And 24" Trenching Bucket ..... $3,900 OBO
(12) UT2914 Case 1835B Diesel Uniloader, Lights, Good Rubber, Nice $7,800
(13) UT2912 Case 1845 Diesel Uniloader, 1 Owner With D130 Backhoe 130" Reach And Rear Mounted Ripper ..... Only $10,200

Best Buys In Used Tractors

(1) UT2907 David Brown 990 Selec-O-Matic Diesel Tractor $3,650
(2) UT2908 Massey Ferguson 2705 Tractor With Cab, Air, In Very Good Condition, Nice Clean Tractor $15,600
(3) UT2905 IH 5288 MFD Cab & Air, 162 HP, 18 Speed Trans., Very Clean Tractor
(4) UT2900 Case 1070 Diesel Pender Tractor Rated 108 HP With Power Shift, 20.8x38 Rubber $7,950
(5) Farm Truck IH Model 1710A With 18 Foot Steel Body, No Rust, Ask For Dean
(6) UT2894 IH 574 Diesel Tractor With 16.9x30 Rear Tires $5,650
(7) UT2879 Massey Ferguson 1185 Cab Tractor $7,900
(8) UT2884 Very Good Van Body Diesel Ford Louisville, LN8000 Truck With 5+2 Trans, 26 Foot Van Body With Hydraulic Lift Platform For Easy Load and Unloading
(9) UT2881 Case IH 1594 85 HP Diesel Tractor, Less Than 2100 Hrs., 18.4x34 Rear Tires, Rops With Roof ..... $13,800 Nice!
(10) UT2877 IH 656 Diesel Tractor Wide Front With Fast Hitch, 15.5x38 Rear Tires, Just Overhauled
(11) UT2870 Collectors Item IH Scout Truck 4 Wheel Drive With 4 Cylinder Engine, New Sheet Metal and Paint, Low Mileage, Make Reasonable Offer
(12) UT2860 Allis Chalmers 80 HP Diesel Model 6080 With 4 Post Rops and Roof With Like New 18.4x34 Radial Rear Tires In Good Condition ..... ~~$11,900~~
(13) UT2848 John Deere 2640 Loader Tractor, Nice 70 HP Rating $14,800
(14) UT2835 IH 986 4 Post Rops, 18.4x38, Dual Remotes, 540 and 1000 PTO, Rebuilt Rear $11,800
(15) UT 2822 IH 186 Hydro Cab & Air, Nice 540-1000 PTO, At Reduced Price
(16) UT2795 IH 656 Gas Tractor Wide Front With 15.5x38 Rear Tires, 3 Pt. Hitch, Best Reasonable Offer
(17) UT2918 IH 656 Diesel Hi-Crop Special With 3 Pt. Hitch, ROPS With Roof, 16.9x38 Rear Tires 90%, New Paint, Dual Remotes
(18) UT2919 IH 140 Offset Tractor With Hi-Crop Features, 9.5x36" Dia. Rear Tires, With Cultivators With Side Dressers For Both Sides



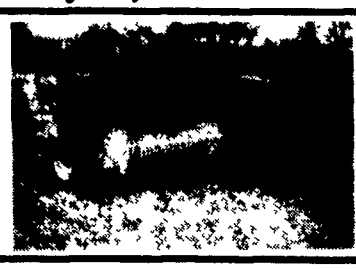
Ford Super Duty Turbo Diesel
Dual Wheel, Good Rubber
Cab & Chassis, New Beds
All Types Available For Installation!

Backhoe Attachment To Fit Case 580C Loader Tractor

This Unit Is An Extendahoe Attachment That Can Reach Approx. 17 Ft. With 24" Trenching Bucket Tight - Used Very Little, Paint Weathered

Special Only $3,900 OBO

Super Deal On New Holland 316 Baler w/Thrower



Come and Get A Special Year End Deal Now!

Massey Ferguson 2705
w/Cab & Air
In Very Good Condition
Approx. 2600 Hrs., 24 Speed w/Power Shift,
Come And Drive And Make Your Deal Now!

Year End Special

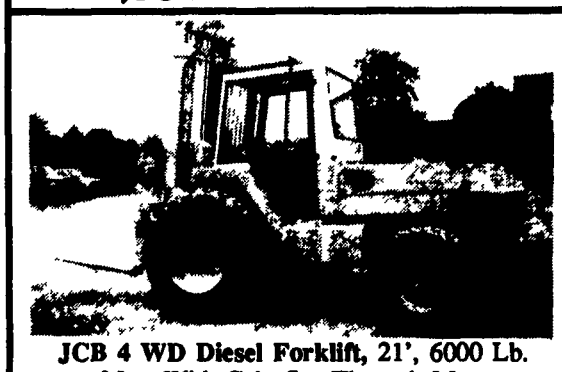
If You Have Hard Soil Conditions - You Need A Case IH Ripper!

CASE IH 3 PT. AUTOMATIC RESET RIPPER SUBSOILERS HAVE PROVEN TREMENDOUSLY INCREASED CROP YIELDS BECAUSE THEY OPEN THE HARD PAN AND LET THE WATER IN— THEY ALSO ALLOW YOUR SOIL TO BREATHE

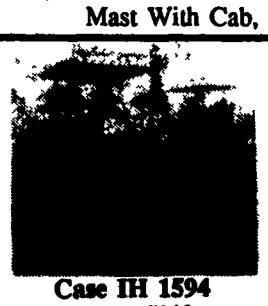
Demo

CASE IH Model - In Stock 5 Shank
Auto-Trip Reset **ONLY ~~$4,850~~**

John Deere 315 Transport Disk Harrow
UM2290, 15 Foot Only
~~$2,950~~



JCB 4 WD Diesel Forklift, 21', 6000 Lb.
Mast With Cab, See-Through Mast



Case IH 1594
Power Shift
Rated 85 HP

JD 2640 Diesel Loader, Tractor Hi-Low, 2 Hyd. Outlets, 18.4x30 - 90% And 9.5Lx15 4 Rib - 90% w/#48 Loader
ASK FOR LANDIS

SPECIAL YEAR DISCOUNT PRICE

325 New Idea 2 Row 30" Corn Picker

With 12 Row Husking Bed
Good Condition

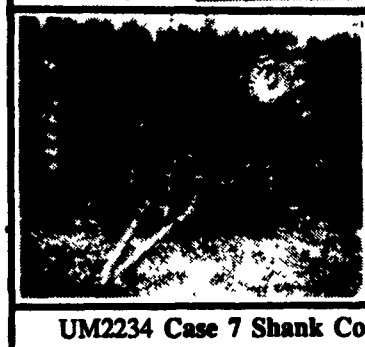
Was $4,650
Deduct -$1,000
Only ~~$3,650~~

Case IH Maxxum 5120 Demo with Warranty

Rate 74 HP Syncro-Shift, 16 Speed With Automatic Shuttle
Reverse 18.4x38 Radials
~~$25,900~~

Lots Of Good Used Manure Tankers

In Stock! Come And Take Your Pick Now And Ask For A Good Year End Discounted Tow Away Price!

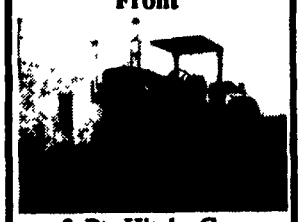


Super Deal On A Used-Like New Sunflower 1232 Disk Harrow 21" Cut With Wing Gauge Wheels Ready To Work!

UM2234 Case 7 Shank Coulter Chisel

With Curved Shovels And Disc Slices To Cut The Trash And Give You A Good Soil Opening Tillage With Residue Coverage For Winter Soil Management Tow Away Now $3,650

IH 656 Wide Front



3 Pt. Hitch, Gas 15.5x38 Good Reconditioned Nice, Come In For A Super Year End Deal! UT2795

Buy The Complete Rig! 1845 Diesel With Backhoe

1 Owner, Sold New Buy Our Co. Backhoe With Rear Mounted Ripper. Come And Get A Super Deal Now!

Good Reconditioned John Deere 6 Row Planter Come & See, Make A Super Year End Deal!

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
(717) 626-4705 1-800-IT PAYS U

case ih

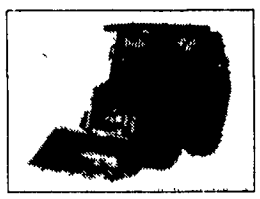
Always See Binkley & Hurst Bros. Inc. For All Your Skid Steer Loader Needs.
Years Of Mechanical Service Experience And Hundreds Of Loaders Sold With Volume Sales For A Good Deal!

CASE UNI-LOADER SKID-STEER QUALITY AND VERSATILITY IN FIVE SIZES...

1818 18 gross hp, gas or diesel
35" to 45" Wide

1825 25 gross hp, gas or diesel
44" to 49" Wide

1835C 44 net hp, gas
54" to 73" Wide



1840 50 net hp, diesel
54" to 73" Wide

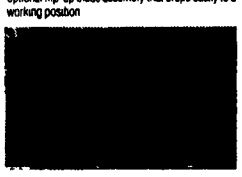
1845C 56 net hp, diesel
63" to 80" Wide

Moving more yards in more yards than ever before.

ATTACHMENTS FOR CASE UNI-LOADER SKID STEERS

RAKE

Suitable for distribution of loose material crushed stone, gravel or cinders for grading leveling and removing oversized stones and debris and for breaking sod mulching soil and spreading topsoil It features an adjustable angle, and can be ordered with an optional flip-up blade assembly that drops easily to a working position



TOOTH BARS

This simple, proven tooth attachment will maximize performance and efficiency in all types of digging and loading situations, offering superior performance of weld-on teeth, increased bucket strength and reduced wear on bucket cutting edges.

TREE SPADE

Your skid steer becomes a landscaping expert with this versatile digging tool It offers a truly economical way to transplant trees and shrubs or to pre-dig holes for planting trees.

TRENCHER

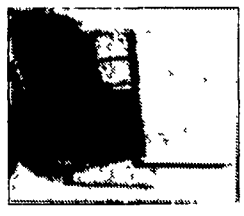
Trench up to 4 feet (1 2 m) deep or 1 foot (3 05 mm) wide with this useful attachment It features side shift allowing you to trench closer to a building or fence and is designed for easy operator entrance and exit. Offers easily replaceable spoil augers, reversible wear plates on boom and 43,000 pound (19 504 kg) standard trencher chain

TRACKS

Protect your skid-steer's tires from potentially damaging surface materials and improve traction and flotation at the same time. Ideal for wet, snowy sandy or boggy surfaces.

PALLET FORKS

Easily convert from loading and excavating to material handling with loader forks and optional hydraulic fork movement



4-in-1 BUCKET

This versatile bucket expands your options and profit opportunities by allowing you to scrape, clam grab and dose in addition to more traditional bucket applications. A popular bucket for other loaders in the Case line, it's now available for all skid-steers.

A COMMITMENT TO YOUR BUSINESS THAT EXTENDS BEYOND THE EQUIPMENT WE SELL

JI Case and your local Case dealer understand that, whatever type of business you're in, time is money That equipment sitting in your yard or idle on a jobsite is earning you nothing

We've expanded our line of popular skid-steers to include the new 1840 But just as importantly, we've taken a giant step forward in offering you a wide variety of versatile, built-tough attachments for our complete line Attachments that will keep your skid steers working and earning for you.

Contact your Case dealer - Binkley & Hurst on the attachments you see here

---

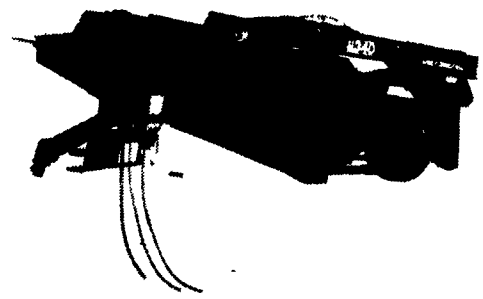
WE HAVE A MEDIUM SIZE MODEL 550 WITH THROWER IN STOCK AT A MONEY SAVING PRICE READY FOR YOUR FARM!

Case IH In-Line Balers Are Best & The Prices Are Right!
See Binkley & Hurst For Quality Sales And Service!

MAXXUM MFD & 2WD, Cab or Rops Tractors In Stock

Power Shuttle forward & reverse is standard equipment on every Maxxum Case IH Tractor and with this feature you have the perfect Loader Combination. Binkley & Hurst Bros. has loaders in stock ready to work! Buy the Best, the only true hyd. reverser industrial design available in any ag tractor.

See Binkley & Hurst Now!



New Case IH Quality Hay Tools In Stock, For A Good Cash Discount Days Price Or Low Rate Financing

(1) Case IH Model 3840 9' Mower Conditioner w/Oil Bath Drive & Auto. Roll Separation Features In Case Of Plugging.

(2) Case IH Model 8360 12' Swing Frame Mower Conditioner

(3) Case IH Model 8309 9' Disc Mower Conditioner

(4) JUST ARRIVED - All New Case IH Model 8750 Forage Harvester With All The Features For Easy Operation & High Speed Chopping

(5) Case IH Model 8430 Round Baler 47" Wide With 30" To 51" Variable Height Density Controlled, Coming Soon!

(6) Case IH 8530 Square Baler With Thrower, Good Capacity With Up To 100 Stroke Per Minute Plunger Speed, Inline Model Which Eliminates Side Draft ***Let's Deal Now!***

(7) 8520 Square Balers With or Without Throwers, Tractor Pull Or Horse Drawn Models In Stock, 92 Stroke Per Min. Plunger Speed, Inline Balers Pull Easier, Buy Yours Now!

(8) 8430 Round Baler, 47" Width x 51" Diameter, Hard Core Tight Wrap Can Finish Off Bale At 30" Dia. If Desired

(9) Case IH 600 Blowers Hi-Capacity Low Maintenance In Stock At Old Lower Price, Buy Now, New Shipments Will Be Substantialy Higher

(10) Case IH Model 8360 Center Pivot Swing Frame Mower Conditioner With 12 Foot Cut

(11) Economy Model 8330 9 Foot Mower Conditioner

(12) All New Case IH Model 8750 Forage Harvester With Metal Detector And Spout Extensions With In Cab Electronic Tractor Controls, Must See To Appreciate These Features!

This New Case IH Magnum 150 Plus HP Model 7100

MFD Is At Binkley & Hurst At Tremendous Year End Savings

Let's Get Together Now!

If You Need
ALL 'ROUND PERFORMANCE
And A Good Deal, You Need To See Binkley & Hurst Bros. Now For A New Case IH Model 7120 Magnum Tractor At An Old Price Money Saving Deal For The Buyer Who Is Serious About A Quality Tractor From A Dealer Who Cares About Service After The Sale. So Don't Wait, See Binkley & Hurst Soon!

The 7120 MAGNUM includes the features farmers asked for. Like an efficient turbocharged diesel engine for plenty of pulling power at 150 PTO horsepower. A smooth 18-speed full power-shift transmission that lets you match speed to conditions. And a comfortable cab with convenient controls and unsurpassed visibility. All to make you more productive.

case IH means more...than ever.

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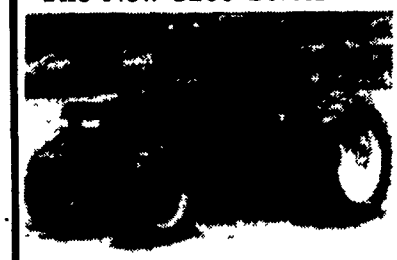
2 New Demo Price Reduced 5250's In Stock One 4x4 And One 2 Wheel Drive Trade Up To A Super Deal Now!

The New 5200 Series MAXXUM®



MAKING THE BEST BETTER

This New Maxxum 5250 112 HP Tractor Is At Your Case IH Dealer — Binkley & Hurst Bros. Inc. — For You To Make A Deal Now And Be Ready For Fall Harvest!

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

Located ½ Mile North of Rothsville

(717) 626-4705 **1-800-IT PAYS U**

case IH

WHITE AGCO | HESSTON AGCO THE PRIME LINE
NEW IDEA | KUBOTA Nothing like it on earth.™

76 2050A Int. Truck, 33,000 GVW, 466DT Engine, Air Brakes, 130,000 Miles

NEW EQUIPMENT SPECIALS

Kubota M8580 DT, Hyd. Shuttle, 80 HP
Kubota 7580 DT, Hyd. Shuttle w/Loader
Kubota B1750 DT, 20 HP

NEW HESSTON EQUIPMENT

4750 Mid Size Big Square Baler
4570 Baler w/Thrower
1340 12' Center Pivot Disc Conditioner
1120 9' Windrower, Stub Guard

USED EQUIPMENT

(2) Dion, 3 Beater & Roof Wagons
(2) KM 321 Vicon Disc Mowers
Ford 6610 Tractor
NI 621 Blower
Haben 5' Sickle Bar, New Demo
IH 84 Hydro w/2250 Loader
MMU
Hesston 4800 Big Square Baler
489 NH Haybine, Good Condition
NH 462 8' Disc Mower, Rebuilt
NH 307 Slurry Spreader
Donahue Windrower Trailer
Hesston PT10 Windrower
3 Pt. 7' Cultivator
3 Pt. 12' Weeder
3 Pt. 214 Plow
3 Pt. 2 Bottom Disc Plow
3 Pt. 5' Disc Harrow
Bush Hog 2615, 15 Ft., 1000 RPM Wing Mower

LAWN & GARDEN

JD 212
Cub Cadet 1860 46" w/Catcher
JD 175 Hydro w/Catcher
Steiner 220 w/72" Mower
Steiner 220 60" Mower w/Catcher
Grasshopper 725 61", 25 HP
Grasshopper 721 Gas, 61" w/Catcher
Grasshopper 721D, Dsl., 61"
Cub Cadet 109
Cub Cadet 682, 17 HP, 50"

STOLTZFUS FARM SERVICE

Cochranville, PA 215-593-2407

JOHN DEERE

TODAY'S GOOD DEAL AT GOOD DEAL HEADQUARTERS

TRACTORS

JD 4430 w/Cab
*1979 AC 7020 w/Cab
JD 2555, MFWD w/JD 245 Loader, 200 Hours

COMBINES

IH 1460 Combine, 1983, 963 Corn Head, 6 Row 30", 820 Header, 16½ ' Cut, Only 2,300 Hrs., Shed Kept, Excellent Condition
~~$47,500~~ $43,900 Reduced!

*JD 7720, 1983 SOLD, Shed Kept, Very Good Condition
JD 9500 w/920 Platform, 643 Corn Head, Used 1 Yr.
JD 9400 w/915 Platform, Used 1 Yr.
JD 8820, 1979, 2,963 Hrs.
*JD 7700, 1976, w/JD 216 Head (1980)
*JD 7700, 1971, 3,700 Hrs.
JD 918 Flex Cutter Bar
JD 220 Platform
JD 643 Corn Head
JD 920 Grain Head
JD 920 Header

PLANTERS

JD 7000 6 Row Wide, Liquid
JD 7000 6 Row, Dry
Deutz Allis 6 Row Narrow Planter
Haybuster No-Till Drill
Great Plains 30' Folding Drill

MISCELLANEOUS

16' Triple Axle Trailer- Call For Details
*Brillion 15' Cultimulcher w/Notched Whls.
*Degelman 12' Dozer Blade
MF 5 Btm. Plow
Woods 1050 Backhoe, 3 Pt. Mounted
Hardee 14' Mower
JD 6500 Hi-Cycle Sprayer, 60' Boom
*JD 6500 Hi-Cycle Sprayer, Wide Front End
JD 6000 Hi-Cycle Sprayer, 1992, 60' Booms, Like New, Used Only 4 Months
Forklift Attachment For JD 245 Loader

GOOD DEALS AND A GOOD DEAL MORE

W.N. COOPER & SON, INC.

Morgnec Rd. Chestertown, MD 410-778-3464
Rt. 282 Cecilton, MD 410-275-2195 *Cecilton Location

1 FARM EQUIPMENT

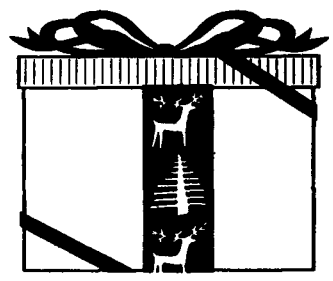
TIRONIE'S TARPS 717/584-2928 1/800/874-2928

NH 358 Grinder Mixer w/Scales, Hyd. Drive, 1 Year Old, Excellent Condition 717-653-6701

- ✔ A 6-inch hydraulic operated brass valve for unloading
- ✔ Has 3 different manure spreading patterns
- ✔ Tank has a float level indicator and sight glass
- ✔ A 20-inch rear manhole for easy access to tank
- ✔ Tanks are made of 5/16 thick metal
- ✔ Large air-cooled vacuum pump

Special $6675

SLURRY BUGGY EQUIPMENT COMPANY
[illegible] Graffdale Rd Leola PA
Lancaster County PA 17540
PHONE (717) 656-3249



Lancaster Farming

HOLIDAY ADVERTISING SCHEDULE

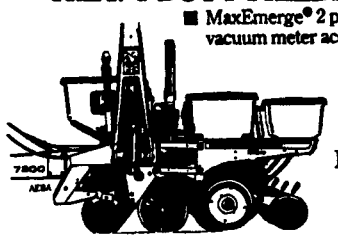
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
DEC. 20	DEC. 21	DEC. 22	DEC. 23	DEC. 24	DEC. 25
PUBLIC SALE 12 Noon ROP ADV. 5:00 PM	CLASSIFIED FARM EQUIPMENT & ETC. 5:00 PM		PRINTING AND MAILING DATE	HOME DELIVERY DATE	MERRY CHRISTMAS
DEC. 27	DEC. 28	DEC. 29	DEC. 30	DEC. 31	JAN. 1
PUBLIC SALE 12 Noon ROP ADV. 5:00 PM	CLASSIFIED FARM EQUIPMENT & ETC. 5:00 PM		PRINTING AND MAILING DATE	HOME DELIVERY DATE	HAPPY NEW YEAR
JAN. 3	JAN. 4	JAN. 5	JAN. 6	JAN. 7	JAN. 8
PUBLIC SALE 12 Noon ROP ADV. 5:00 PM	CLASSIFIED FARM EQUIPMENT & ETC. 5:00 PM		PRINTING AND MAILING DATE	HOME DELIVERY DATE	FARM SHOW OPENS

ABC GROFF Since 1952 The Name You Can Trust

GOOD DEALS FROM ABC GROFF...AND A GOOD DEAL MORE

CONSERVATION PLANTER: HEAVY-DUTY FOR HEAVY-DUTY FIELDS

- MaxEmerge® 2 planter vacuum meter accuracy.
- John Deere 7200 Planters... built tough for reduced tillage conditions.
- 7x7-in. mainframes. New row cleaners, frame and unit-mounted counters, plentiful under frame clearance.

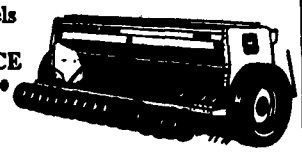


JD 7200 4 Row Conservation Planter
With No-Til Coulters Insecticide, Monitor, Markers & Dry Fertilizer
SALE PRICE $11,990.00 (1 Only)

CALL NOW - BEST DEALS ON PLANTERS END DEC. 31, 1993

HOLD MORE SEED, HANDLE MORE RESIDUE, HUSTLE MORE ACRES

JD 450 12 Ft. Grain Drill With Large Grain Box, Folding Tongue And Depth Gauging Press Wheels



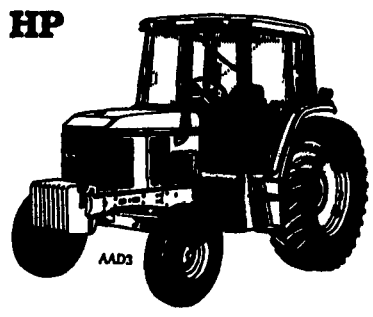
SALE PRICE $7,490.00 (1 Only)

- 450 End-Wheel Drills offer big-capacity boxes, up to 124-pounds down-pressure for better penetration in tough soils and residue.

AN ALL-NEW BREED OF POWER

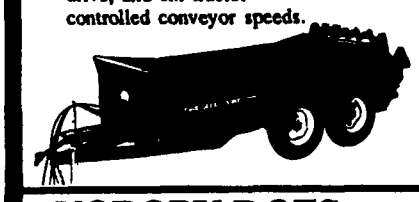
JD 6200 TRACTOR 66 HP

Model 6200
66 HP, 2 WD, With Comfort Gard Cab (Demo Only)
Cash $30,500.00
With Waiver Until March 1, 94
$30,900.00 and 6.9% Financing For Qualified Buyers



MOVING TO THE FRONT OF THE FIELD

- The 550 Conveyor Spreader has a big 286-bushel capacity and an economical price.
- Reliable hydraulic conveyor drives, new V-belt primary drive, and six tractor-controlled conveyor speeds.
- Large 30-inch beater and slick box floor for easy cleanup, no sticking.

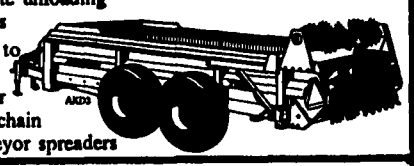


Model 550 Spreader, 286 Bushel, Tandem Axle
SALE PRICE $6,575.00

HYDRA-PUSH™ SPREADER: 2 SIZES, MANY ADVANTAGES

- Two sizes of Hydra-Push spreaders. No chains.
- Fast unloading, no conveyor fall-back, self-cleaning.
- Resists corrosion and freeze-up.
- Infinite unloading speeds
- Built to last longer than chain conveyor spreaders

Model 455, 250 Bushel
Model 785, 400 Bushel
CALL NOW FOR BEST AVAILABILITY & PRICE!



BUILT IN WATERLOO, IOWA

Introducing the new John Deere 100-hp 7400 Tractors

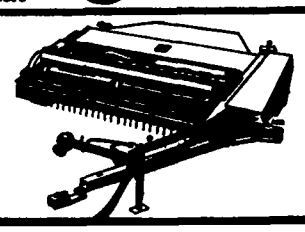
MODEL 7400
100 HP MFWD With ComfortGard Cab
$918.00*
60 Month Lease Payment

* 10% Advance Lease Payment
* 10% Purchase Option

NOBODY DOES HAY BETTER

IN STOCK: MODEL 1219 9 Ft. (1 ONLY)
Sale Ends Dec. 31
SALE PRICE $9,150.00

- Speed up drydown with a John Deere 9-foot 1219 Mower/Conditioner.
- Exclusive urethane conditioning rolls apply more pressure per square inch over more crimping points.
- Easy adjustments for pressure, roll spacing, platform float, shoe height.



ABC GROFF Since 1952 The Name You Can Trust

JOHN DEERE

STAMPEDE!

DOUBLE-H BOOTS®
The Makers of Quality Footwear

1659 12", Burnt Oak Longhorn leather
- leather lined throughout
- double insulated with Thinsulate® and foam
- Permafresh® cushioned insole
- 4 iron midsole
- 14 iron Double H Mini-Lug oil resistant sole
- Walking heel
- 915 toe

D6-13, EE7-13

CRAFTED WITH PRIDE IN U.S.A.

$89.95

INSULATED

Watch for rugged, goodlookin' boots from the hands at Double-H. Quality leathers and craftsmanship keep Double-H ahead of the herd. The best stampede in your territory. Buy Double-H Boots® today!

WINDY HILL FARM & TACK
737 Webster Hill Rd., Lititz, PA 17543
717-627-1210
Hours: M-F 11-7; Sat. 9-3

Best Buys In Used Equipment

USED TRACTORS

IH 886 Tractor w/cab $14,500
IH Dresser TD-8E dozer w/8 ft. 6 way blade $19,500
574 Gas tractor, new paint $6,750
Int. 656 Tractor $3,800
FH Tractor $875
Case IH 5130 Maxxum MFD w/cab, REPO, 134 Hours $40,000
Case 1830 Uni-Loader $5,800
IH 856D Tractor $9,500
IH 275 Tractor w/Woods Undermount Mower $4,000
IH 574 gas tractor, new clutch $7,200
Oliver 1650 diesel tractor $4,800
F-200 w/2 pt. Hitch, overhauled engine and new tires $1,950

INCH EQUIPMENT CO.
McAlisterville, PA 17049
Phone 717-463-2191
or 717-463-3711

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Authorized Parts & Service

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Specializing In Complete Service For Skid Loaders and Most Types Of Small Diesel Powered Equipment.

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Yanmar 155 Tractor

GD Equipment
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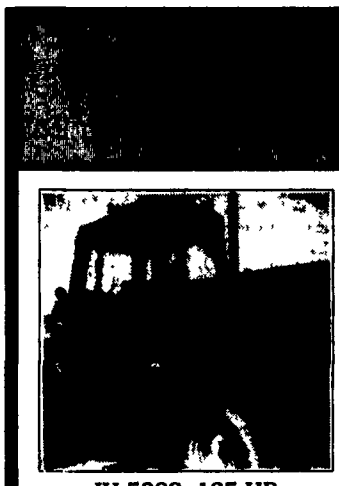
Ephrata, PA [illegible]
717-859-3533

TRACTOR
JD 3020 Diesel Tractor WF, 2 Remotes, Excellent Condition
JD 58 Loader, Excellent Condition

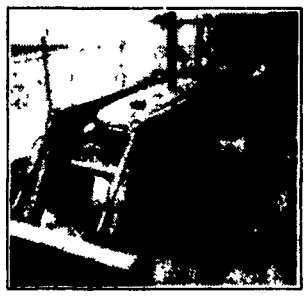
USED JD PLANTERS
(2) JD 7200 4R Conservation Planters w/ Dry Fertilizer, Ins., Frame Mounted Coulters
JD 7000 6R Planter, No Fertilizer
JD 5R Soybean Splitter
(6) JD 7200 Planter Units
(6) JD 7000 Planter Units

PLANTER FRAMES
JD 7200 5 R
JD 7000 12R, Rigid
JD 7100 10R, 3 Pt.
JD 7000 6R, Standard
(2) Farm Chem Stainless Steel Saddle Tanks, 250 Gallon Each

(410) 778-0408

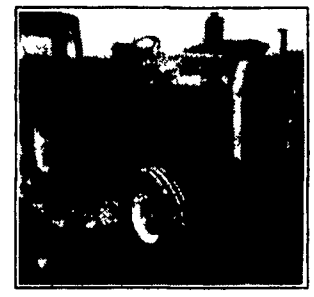


IH 5088, 135 HP
$26,900

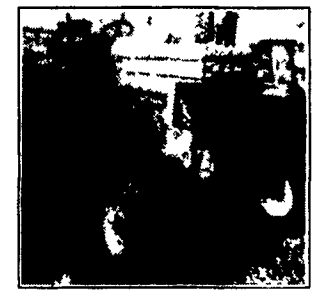


JD 2355, 55 HP, 2100 Hrs.
$12,900 Tractor Only
$16,800 With New 146 Loader

JD 2840, 80 HP, Diesel
$11,900

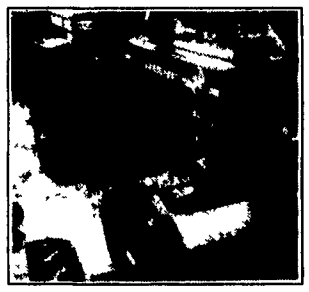


Massey 1085, 80 HP, Diesel
$11,900



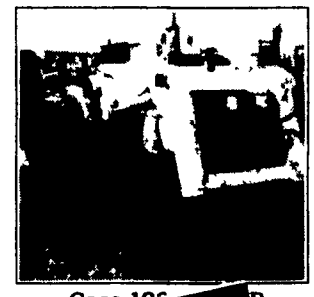
Ford 7700 Diesel, 85 HP
$10,900

Ford 7710, 85 HP

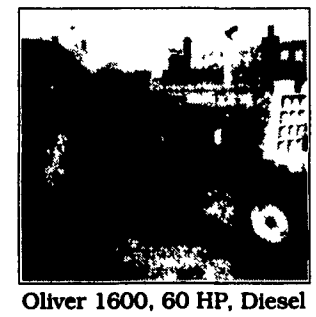


MF 1100, 93 HP
$7,500

IH 1066, 116 HP
$8,900

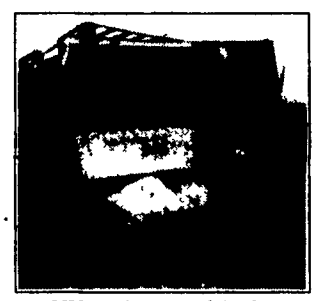


Case 1[illegible] P, 800 [illegible]ader
SOLD
[illegible],500



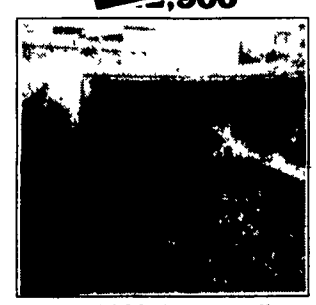
Oliver 1600, 60 HP, Diesel
$6,500

Ford 4000, 45 HP Diesel
$4,400



NH 848 Round Baler With Fastnet
$7,900

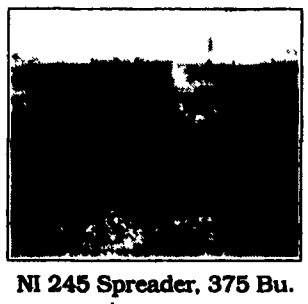
Hagedorm Model 180 Hydra Spreader
$3,500



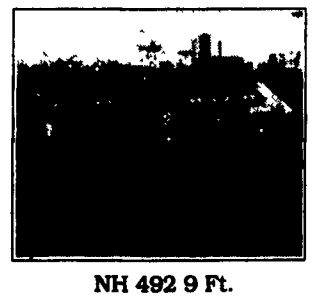
JD 8300 Grain Drill, 10 Ft. w/Grass Seed Att. Very Good Condition

JD 210 Disk, 13 Ft. 7 In. Good Blades, Good Condition

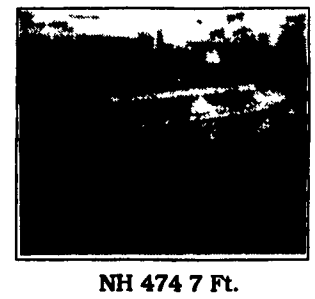
NI 351 Spreader, 157 Bu.
$2,500



NI 245 Spreader, 375 Bu.
$4,500



NH 492 9 Ft. Mower Conditioner



NH 474 7 Ft. Mower Conditioner

Badger BN1000 Mower Conditioner
(Same As Massey-Ferguson)
7 Ft., Exc., Extra Knife
$2,650

USED SPREADERS
- JD 780 Hydra-Push 370 Bu.
- Gehl 350
- Martin Scavenger Model, 1337, 3300 Gal.

USED BALERS
- JD 338 Baler With 30 Ejector
- NH 315 Baler
- NH 273 Baler
- MF 124 Baler w/Thrower

USED PLANTERS & DRILLS
- JD 7000 6 Row Liquid
- JD 7000 6 Row Dry
- JD 7000 4 Row Liquid

USED MOWER CONDITIONERS
- Hesston 1071 Mower Conditioner
- NH 479, 9 Ft.
- NH 1469, 9 Ft., Self-Propelled Mower Conditioner
- NH 488, 9 Ft. Mower Conditioner

USED HARVESTERS
- JD 3950 Harvester w/3 Row Cornhead
- NH 782 Harvester
- NH 900 Harvester

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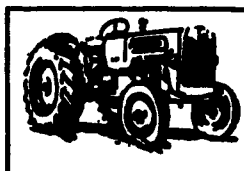

JD 410 dsl, backhoe, loader w/extend-a-hoe, full cab
JD M w/snow blade
JD M w/cultivator
MF 285 w/multi power
Int. 766
Case 1816B Skid Loader w/34" Bucket
Int. Cub w/Equip.
Farmall C w/snow blade
Farmall H w/snow blade
Farmall Super H
4000 & 8N & 9N Fords
Int. 574 dsl.
140's w/Mid-Mount Mower
Super A's w/Mid-Mount Mowers
AC-B with Mid Mount Mower
J.D. - AR, running condition
MF 203 dsl w/loader
New Arps 730 - 3 Pt. Backhoe
Hyster H60C, 6000 lb lift forklift
Hyster RC150 15,000 lb fork lift w/dual drive wheels
N.H. LB620 Backhoe & Loader w/3 pt. Hitch Attachment
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Huber F-1500 Grader
A.C. - 6G Crawler Loader
Cat 955H Crawler Loader
1987 Superior 22 Ton Tag-A-Long Trailer w/Air Brakes & Hyd. Ramps
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JD 244 cornhead $995
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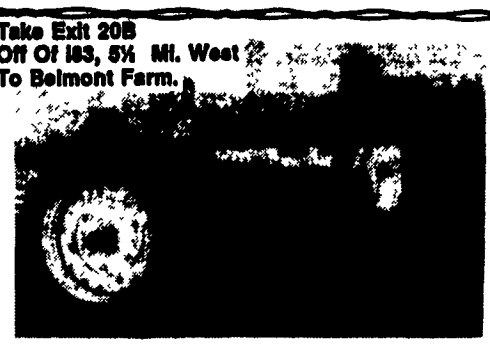

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IH 430 Baler & Thrower
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JD 3 Section Drag Harrow, New Condition . $ 1,650
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JD 1710 Mulch Tiller ..... $ 2,000
JD 845A 3-16 2 Way Plow ..... $ 2,900
IH 315 12' Roller Harrow ..... $ 2,900
JD 610 25' Chisel Plow $11,500
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JD 530 Round Baler $12,500
NH Super 717 w/Heads, 9 Knives, Good Condition ..... $ 1,975 $ 1,500

MISCELLANEOUS

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Used JD 403 Rotary Mower, Good Condition ..... $ 499
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10' Tye no-till drill $5,500
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Ford 9N
MF 1010, *excel. cond.*
MF 670 4 WD, cab & air, *like new*
MF 3660 2 WD, cab, air, 20.8x38 tires, 60 hours
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Dyna drive power harrow, 15', *good*
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White model 598, semi-mount plow, 14"-22" variable, 4 bottom

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Gehl 3610 Diesel

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'86 JCB 1400B, TLB, full cab, standard hoe $12,500
'74 JD 510 TLB, ROPS canopy, standard hoe $12,000

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AC 7000 dsl, cab w/air & heat, fair condition $5,000
Case IH Model 235 dsl, 3 pt. w/Woods Model F35 mower deck, 350 hours $6,850
IH 460 diesel engine, runs good $2,350

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Case 450C, crawler dozer, 6 way angle blade $25,500
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1980 Case 1150B loader, GP bucket w/teeth, ROPS, very good condition $18,000
87 Case 850D 6-way dozer $30,000
CAT D3 crawler dozer, 6-way angle blade $12,500
'88 CAT 935C crawler loader, GP bucket, ROPS canopy, excel. cond. $22,500
'79 IH 175C, crawler loader, GP bucket, cab, good cond. $16,000
JD 450C backhoe attach. $3,000
JD 555A crawler loader, backhoe attach., runs & operates vg. cond. $18,500

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Case backhoe attachment, demo unit, fits 1835C, 1840 ..... $5,750
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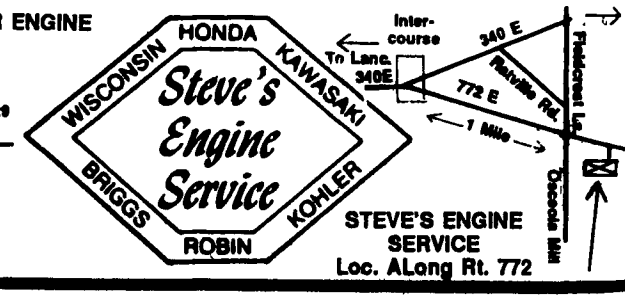

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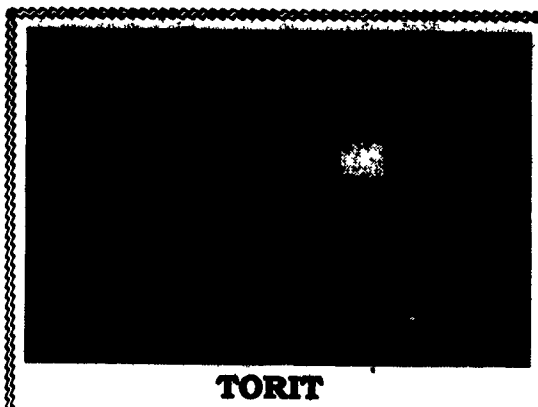

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NH 489 Haybine	$ 1,900
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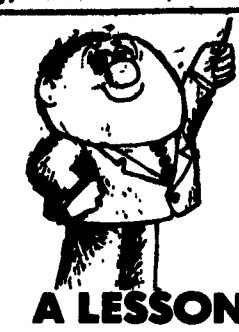

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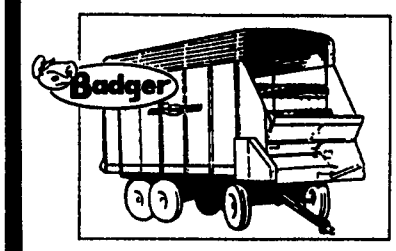

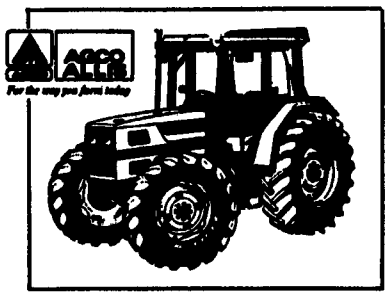

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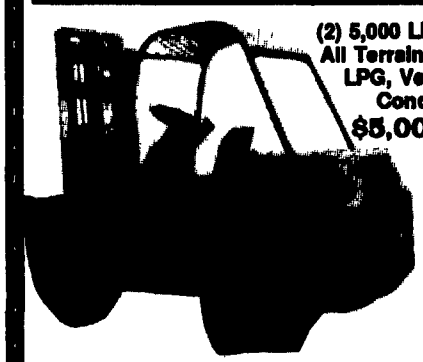

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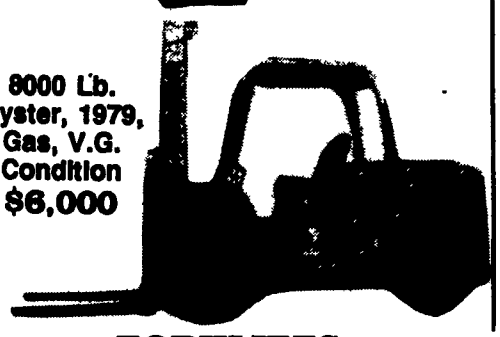
$5,000/ea.



8000 Lb. Hyster, 1979, Gas, V.G. Condition
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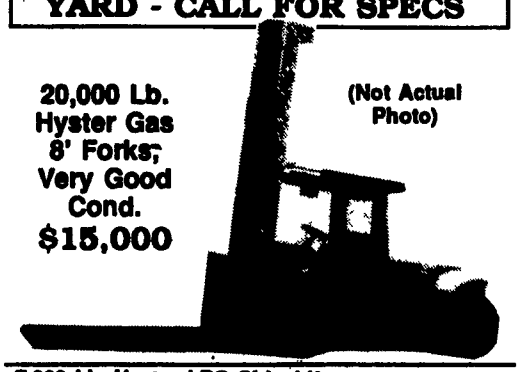

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4,000 Lb. Yale solid tire LPG, runs	$800
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3,000 Lb. Raymond Reach Truck, Good Cond.	$3,000
5,000 Lb. Clark, Electric w/charger, very good condition	$3,000
8,000 Lb. Hyster pneumatic gas, very good cond.	$6,000
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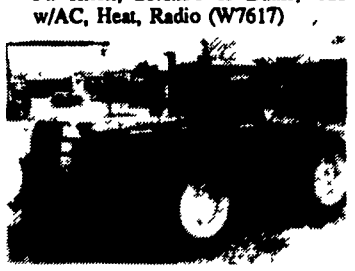
Over 200 HP

Case 2670 - 3 Spd. Powershift, 3 Pt. Hitch, 1000 PTO, Cab w/AC & Heat Over 200 HP (W7620)

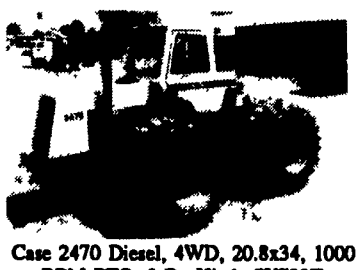
CIH 4894, 1985, 1700 Hrs., 1000 PTO, 3 Pt. Hitch, 20.8x38 & Duals, Cab w/AC, Heat, Radio (W7617)



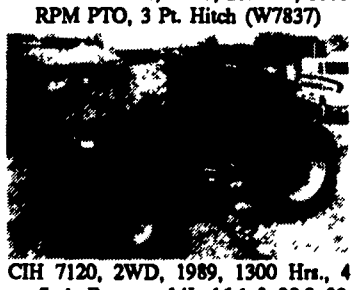
JD 8650, Dual New 20.8x38, 3 Pt., 1000 PTO, Quad Range, 3 Rem., Cab, Air, Heat, 3200 HP, (W7671)

Steiger ST225, 4WD, 4 Hyd. Valves, 10.8x34 Tires, Clamp-On Duals, Cab w/AC, Heat & Radio, Warranty, 270 HP, CAT Engine (W7109)

130 to 200 HP



Case 2470 Diesel, 4WD, 20.8x34, 1000 RPM PTO, 3 Pt. Hitch (W7837)

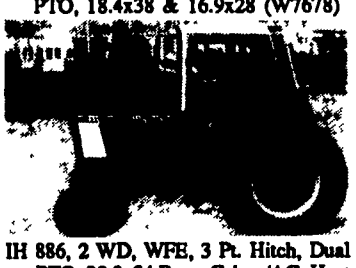


CIH 7120, 2WD, 1989, 1300 Hrs., 4 Spd., Reverse, 14Lx16.1 & 20.8x38, 12 Wts., Deluxe Cab, Toolbox (W7547)

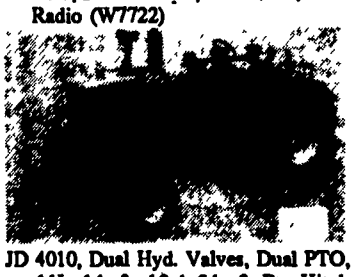
IH 5288, 1983, 4WD, 3 Hyd. Valves, 1000 PTO, 16.9x28 and 18.4x42 Tires, w/Duals, Cab w/AC, Heat, Radio (W8315)

80 to 130 HP

IH 1066, Hydro, 2WD, 3 Pt. Hitch, Dual PTO, 18.4x38 & 16.9x28 (W7678)



IH 886, 2 WD, WFE, 3 Pt. Hitch, Dual PTO, 20.8x34 Rear, Cab w/AC, Heat Radio (W7722)

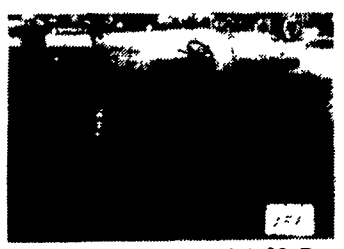


JD 4010, Dual Hyd. Valves, Dual PTO, 11Lx14 & 18.4x34, 3 Pt. Hitch (W7738)

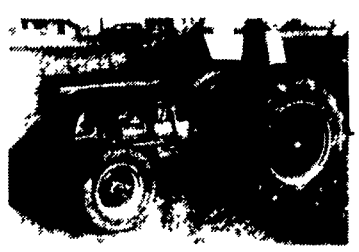
Case 2290, PS, Dual PTO, 3 Rem., 18.4x38 Rear, Cab w/AC, Radio (W8268)

MF 699, ROPS, 540 PTO, 14.9x24 & 18.4x34, Rear Wheel Weights, w/238 Loader & 84" Bucket (W7968)

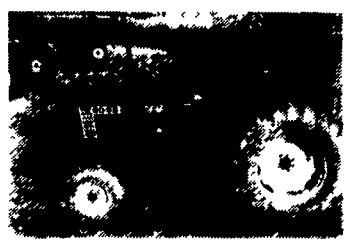
Under 80 HP



IH 706, Gas, 3 Pt., 18.4x38 Rear (W7519)



MF 20, Gas, 540 PTO, 3 Pt. (W8173)



Hesston 60-66 2WD, WFE, 540 PTO, 3 Cyl., 16.9x30 Rear Tires, Canopy (W8350)

Kubota L3750, 4WD, 3 Pt. Hitch, 540 PTO, 9.5x16 and 13.6x28 Tires, 68" Bucket (W8307)

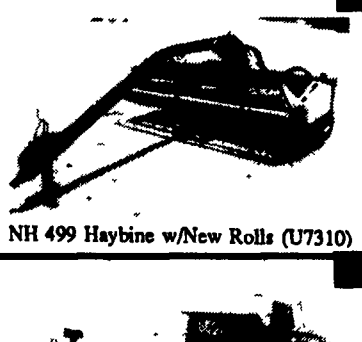
CIH 685, Rops, 2 WD, 2002 Hrs., Dual PTO, 10.00x16 & 18.4x30, Heavy Front Axle w/2250 Loader (W8396)

IH 500C, Diesel, Rops, Rear Wts., Industrial Loader w/65" Deck Bucket (W4885)

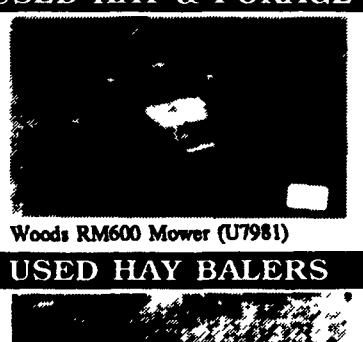
JD 2440, 2WD, 1981, 540 PTO, 9.5Lx15 & 15.5x38 w/146 Loader (W8376)

USED HAY & FORAGE

Grimm Tedder 8', 540 RPM, PTO Driven (U7948)

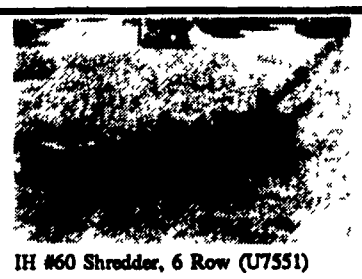


NH 499 Haybine w/New Rolls (U7310)



Woods RM600 Mower (U7981)

NH 499 Haybine, 12' Cut, Hydro Swing, 3" Knive w/Guards (U7899)

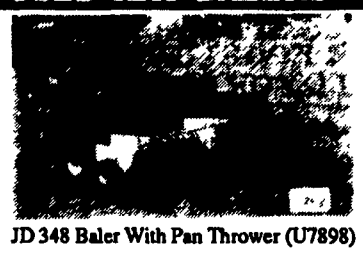


IH #60 Shredder, 6 Row (U7551)

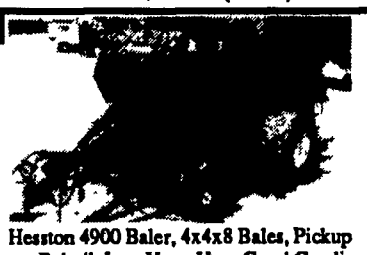
USED HAY BALERS

Case IH 8580 Baler, 4 Year Old Machine, Makes 4x4x8 Bales, Ready For The Field (U7805)

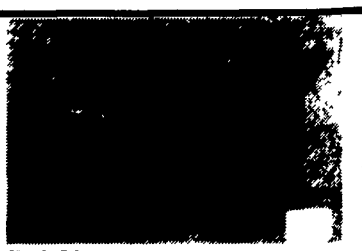
CIH 8580 Baler, 3 Years Old, Ready To Go To Field, Make 4x4x8 Bale, Ex. w/Mulch Hay (U7983)



JD 348 Baler With Pan Thrower (U7898)



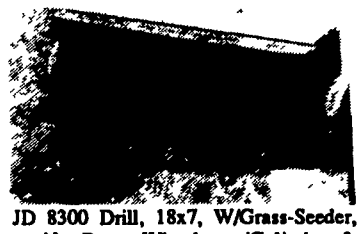
Hesston 4900 Baler, 4x4x8 Bales, Pickup Rebuilt Last Year, Very Good Condition (U7673)



IH 565 Baler w/Wisconsin Engine, Steel Whls., Engine Overhauled (U7141)

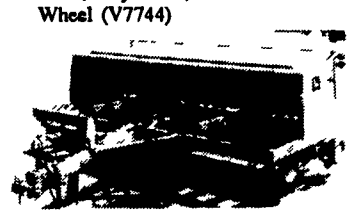
USED PLANTERS & DRILLS

Deutz Allis 325 Planter, 4 Row, New Paint, Dry Fert., 4" Ribbed Press Wheel (V7744)

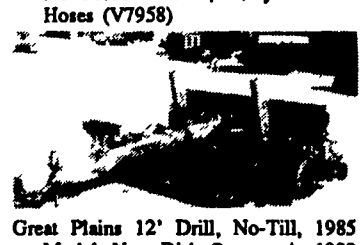


JD 8300 Drill, 18x7, W/Grass-Seeder, No Press Wheels, w/Cylinder & Hoses (V7958)

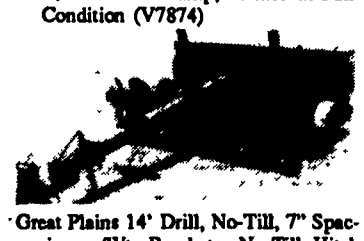
Planter IH 800 6 Row Narrow Air Planter w/Liquid Fertilizer w/Insecticide w/1000 Shaft Pump, Planter In Fair Condition (V7874)



JD 750 Drill, 15', No-Til, 7½ " Spacing, Plateless (V7640)



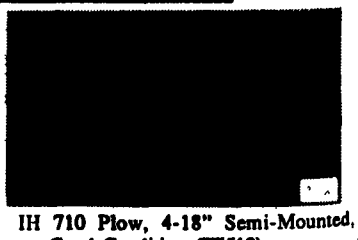
Great Plains 12' Drill, No-Till, 1985 Model, New Disk Openers in 1992 (V7685)



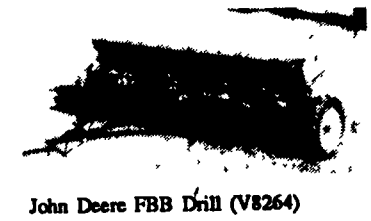
Great Plains 14' Drill, No-Till, 7" Spacing w/Wt. Brackets, No-Till Hitch (V7978)

USED MOLDBOARD PLOWS

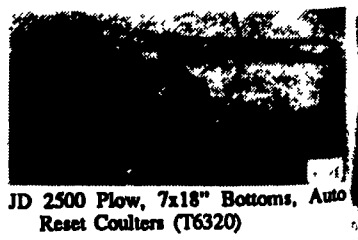
IH 710 Plow 6-18", Auto Reset, Semi-Mounted (T6813)



IH 710 Plow, 4-18" Semi-Mounted, Good Condition (T7512)



John Deere FBB Drill (V8264)



JD 2500 Plow, 7x18" Bottoms, Auto Reset Coulters (T6320)

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USED COMBINES

CIH 1660, 1987, 2180 Hrs., 2 WD, Hydro w/AHC, Cab w/AC, Heat, Radio, 30.5x32 (U7501)

CIH 1660, 2 WD, Hydro, 1390 Hrs., AHHC, Rocktrap, GL Monitor, Cab w/AC, Heat, Radio (U7945)

CIH 1660, 1987, 1510 Hrs., 2 WD, AHHC, Feeder-Reverser, Cab w/AC, Heat, Radio, Standard Rotor (U8153)

CIH 1660, 1987, 1800 Hrs., Chopper Feeder-Reverser, Standard Rotor, Cab w/AC, Heat, Radio (U8102)

CIH 1640, 1988, 1079 Hrs., 28Lx26 and 12.4x16 Tires, Rocktrap, Auto Control Monitor (U7680)

CIH 1680, 1989, 1100 Hrs., 30.5x32 & 18.4x16.1 w/AHC, Feeder-Reverser, GL Monitor, Specialty Rotor, 2 WD (U7550)

CIH 1660, 1991, 1300 Hrs., 2WD, AHHC, G.L. Monitor, Straw Chopper, Speciality Rotor, 30.5x32 and 14.9x24 Tires (U8331)

IH 1460, 1978, 4802 Hrs. 24.5x42 and 11.00x16 Tires, AHHC (U7210)

IH 1460, 1980, 3563 Hrs., 28Lx26 and 18.4x16.1 Tires, AHHC (U8232)

IH 1480, 1983, 3265 Hrs., 65.5x32 and 14Lx16.1 Tires, AHHC, Hyd. Reel Fore & Aft, 3rd Cylinder, Strawchopper (U8113)

JD 6620, 1981 3180 Hrs., Hydro, 28Lx26 w/215 Platform (U7343)

IH 1480, 1980, 4350 Hrs., 30.5x32 and 18.4x16.1 Tires, Feeder-Reverser, GL Monitor, AHHC, 3rd Cylinder (U8151)

IH 915, Diesel, Hydro, Cab w/Air (U7477)

IH 1460, 1982, 2850 Hrs., 4WD, Hydro Cab w/AC, Heat, Radio, AHHC, 30.5x32 & 14.9x24 (U7598)

IH 1460, 1983, 2900 Hrs., Hydro, AHHC, GL Monitor, Cab w/Air, Heat & Radio (U8159)

IH 1440 1978, 2 WD, Hydro, 23.1x26 & 18.4x16.1 Cab w/AC, Heat & Radio w/AHHC (U7068)

IH 1460, 1983, 1969 Hrs., Hydro, AHHC, GL Monitor, Specialty Rotor (U8408)

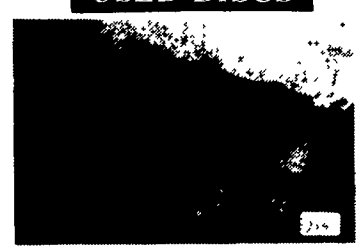
JD 6620 Sidehill, 1981, AHHC, Chopper, HD Axle, Cab w/AC, Heat w/643 & 915 Heads (U8399)

JD 6600 Sidehill, 2135 Hrs., AHHC Cab w/AC, Heat, 4 Row Wide Comhead, 213 Platform (U8347)

JD 6600 Sidehill, Hydro, 28Lx26 w/215 Flex Platform & 643 Cornhead (U7474)

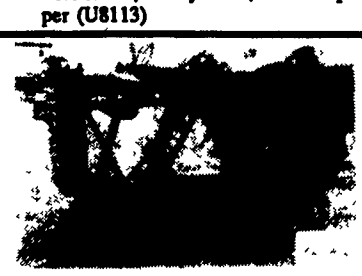
CIH 1660, 1989, w/Strawchopper, Stone Retarder Drum, AHHC, Feeder-Reverser, 30.5Lx32 & 18.4x16.1 (U7693)

USED DISCS



IH 510 Disc, 16'10" Spacing, 22" Blades (T7542)

D 220, 22' Center Fold, 18" Blades, Rubber Good (T7745)

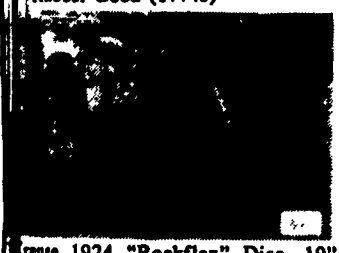


Krause 1966 Disc, 31' Cut, "Rockflex", New 22 ½ " Notched Blades (T7234)

Krause 1577A Disc, 18'9" Spacing Front & Rear, 22" Blades Front & Rear, "Rockflex" (T7076)

Krause 1450 Disc 24" Blades, 10'8" Cut (T7719)

Krause 4921 Disc, 18" Blades Front & 19" Rear (T7564)

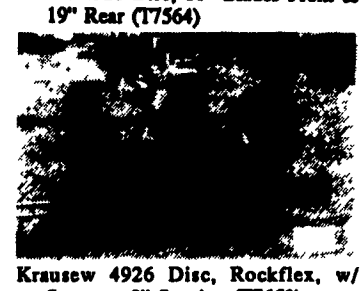


rause 1924 "Rockflex" Disc, 19" Blades, 9" Spacing, Regreasable Bearings (T7866)

Rhino 18' Disc - "Rockflex", 18" & 19" Blades, Hyd. Wingfold (T7749)

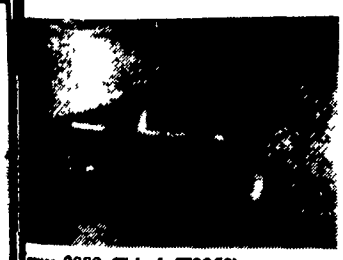
Krasue 4927 Disc (T7965)

Krause 1927 Disc (T7936)



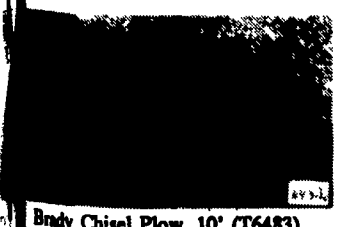
Krausew 4926 Disc, Rockflex, w/ Scrapers, 9" Spacing (T7653)

USED CHISEL PLOWS

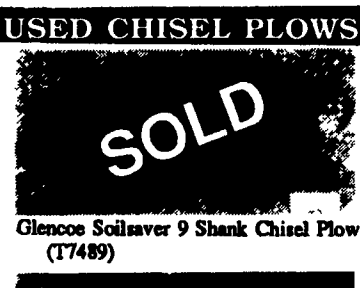


ause 2889 Chisel (T8359)

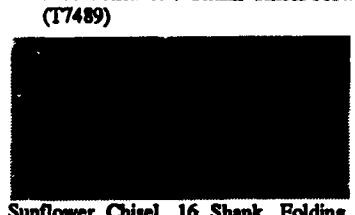
se 9 Shank Chisel



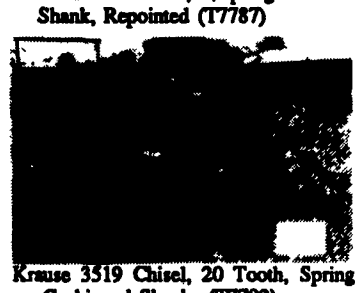
Brady Chisel Plow, 10' (T6483)



Glencoe Soilsaver 9 Shank Chisel Plow (T7489)



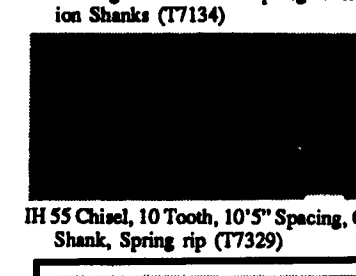
Sunflower Chisel, 16 Shank, Folding, Reversible Points, w/Spring Cushion Shank, Repointed (T7787)



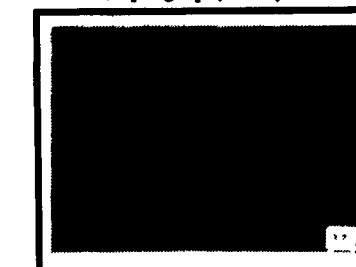
Krause 3519 Chisel, 20 Tooth, Spring Cushioned Shanks (T7702)

Case 9 Shank Chisel, Landoll, Slicer Chisel, 12' Width, 16" Coulter (T8388)

Chem Farms CPK 180 Chisel Plow, 17' Folding Hi-Clearance Spring Cushion Shanks (T7134)

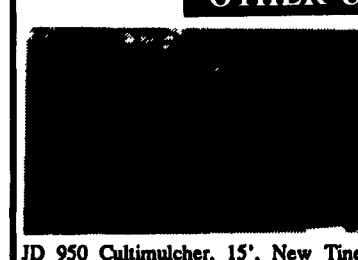


IH 55 Chisel, 10 Tooth, 10'5" Spacing, C Shank, Spring rip (T7329)

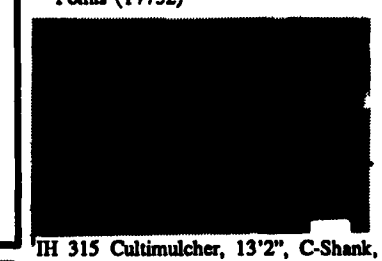


Heiniker 23' Field Cultivator, Hyd. Fold, 12' Transport, 6" Spacing, Cushioned C-Shanks (T7311)

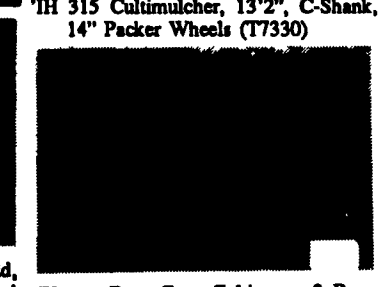
OTHER USED TILLAGE



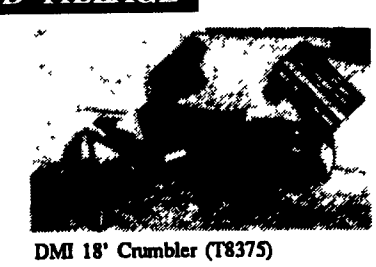
JD 950 Cultimulcher, 15', New Tine Points (T7752)



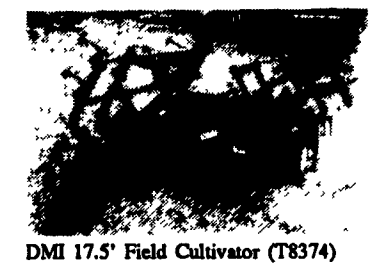
IH 315 Cultimulcher, 13'2", C-Shank, 14" Packer Wheels (T7330)



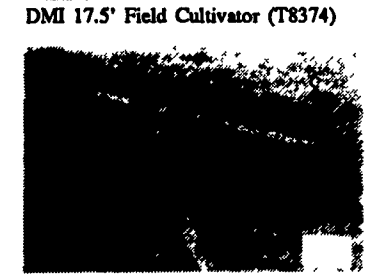
Westgo Row Crop Cultivator, 8 Row, Hyd. Fold & Wings 11' (T6877)



DMI 18' Crumbler (T8375)



DMI 17.5' Field Cultivator (T8374)



Bearcat 11' Packer, 14" Packer Wheels, No Transport Wheels (T7906)

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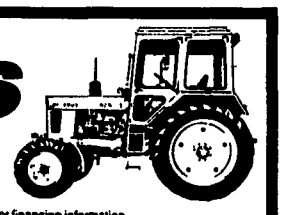

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Gehl 960 forage wag SOLD beater, roof, tandem gear, nice $4,500
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NH 27 blower $425
JD 3940 harvester, base unit ..... CALL
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NH 40 Blower, 1000 RPM $1,850

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NH 489 haybine $3,750
JD 1219 mower conditioner $4,100
Hesston 1071, 7' haybine $1,750

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M&W gravity bin w/gear $950
Case-Davis 3 pt. backhoe $1,950
AC-KL238 combine, 2R snapper head, nice $650
Tailgate For NI 36 SOLD e Spreader $125

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NI 325 NR, 12 roll bed $3,100
NI 325 NR, 8 roll bed $3,350
NI 323 1R $1,950
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8452	Farmall M	
8423	IH 656 Gas w/Loader	3748
8415	Ford 5030 2WD Dual Power	224
8342	Farmall H w/Loader	
8336	John Deere Model A w/3 Pt.	
8330	Ford 9N	
8329	Ford 4000 Diesel 8x2 Trans.	521
8326	Ford 4000 SOS w/ROPS	
8320	Ford 8N	
8316	Ford 8N	
8309	Ford 600 w/Loader	
8269	Ford NAA w/5' Sickle Bar Mower	
8268	Ford 4000 SU	3744
8261	Case DC Tricycle	
8237	Ford 3000 Gas 8 Speed 1969 Model	3482
8213	Ford 9N Overhauled Motor	
8212	Ford 8N	
8191	Ford 9N w/Loader	
8097	Ford 5000 Dual Power 2 Remotes 540 & 1000 PTO	

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7974	New Holland L785 Skid Loader	
8490	Ford 555B TLB 2WD	1118
8478	NH L445 Skid Loader Gas Wisc. Coll Air Eng.	860
8432	New Holland L555 Boom Hyd	1313
8327	New Holland L555 Skid Loader Perkins Engine	2897
8288	Case 850 Dozer 10' 6 Way Blade	938
8228	New Holland L-553 Skid Loader	1790
8209	IH 1750 Loadstar Dump Truck w/Snow Plow	

COMPACT DIESELS

8491	Mitsubishi S373D 4WD w/Loader & Backhoe	497
8449	Ford 1220 4WD Loader & Backhoe	445
8438	JD 1050 w/Loader 4WD	745
8434	Case IH 1120 4WD w/60" Deck & Snow Plow	187
8416	Ford 1900 2WD Turf	
8332	Kubota S1800 Diesel 48" Mower Blade & Blower	
8298	Mitsubishi MT210 w/Loader & Mower	719
8265	Ford 1710 4WD w/Loader, Exc.	435
8252	IH 185 2WD Low Boy Turf w/60" Deck	
8163	Ford 1220 4WD Turf Hydro, Exc.	
7967	Ford 1120 Hydro 4WD Turf w/New Mower	108

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8306	IN 8830 Haybine Diesel SP Hydro 12' Header
8239	New Holland 479 Haybine
8198	New Holland 489 Haybine Rolls/Good
8159	New Holland 489 Haybine
8148	New Holland 477 Haybine

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8440	New Idea 323 Corn Picker
8439	IH 56 Blower 540 RPM
8422	McCurdy 190 Gravity Box w/8 Ton Gear
8402	Gehl 72 Crop Chopper
8160	Gehl 95 Grinder Mixer
7880	New Holland 38 Crop Chopper

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8419	New Holland 880W Grass Head	
7992	New Holland TR86 Combine 2WD	845
7925	New Holland 974 NC 6 Row Corn Head	
7909	New Holland 973 16' Grain Head	
7883	New Holland TR85 Hydro 4WD	2198
7776	New Holland 962W4 4 Row Wide Corn Head F/TR70	
7772	Ford 620 Gas Combine w/13' Head	
7771	New Holland 962W4 4 Row Corn Head Wide	
7632	New Holland 924 4 Row Corn Head	
6940	New Holland 960 15' Grain Head	
5943	Ford 6 Row Corn Head Narrow	
4832	Ford 19-42 4 Row Narrow Corn Head	
4831	Ford 17-183 13' Grain Head	
4696	Ford 17-184 15' Grain Head	

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	NH 575 Baler w/Chute, Exc.
	NH 273 Baler w/Thrower Exc.
8431	NH 163 17' Tedder
8429	JD 336 Baler w/Kicker Elec. Control
8332	New Holland 282 Baler Hydro Tension w/Thrower
8284	New Holland 1038 Pull Type Bale Wagon
8217	New Holland 67 Baler w/Thrower
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8181	MF 124 Baler w/Chute
8071	Ferguson 3 Pt. Hay Rake (As Is)

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7307	Ford 101 3-16" 3 Pt.
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8292	NH 442 3 Pt. Disc Mower 5'3"
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8281	Woods C60 Rotary Cutter Pull Type
8254	Ford 951B 5' Rotary Cutter w/SC
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8158	Ford 930 72" 3 Pt. Finishing Mower

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Bolens ST110H Lawn Tractor
Lely Roterra 13'6"
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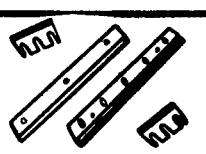

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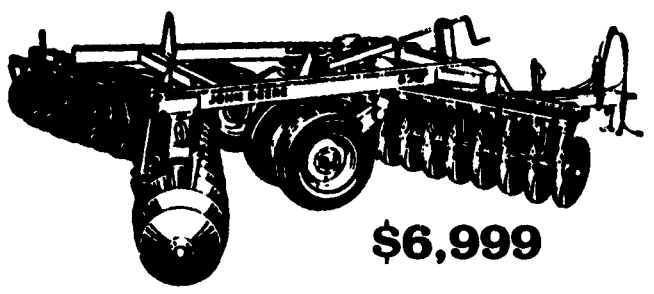
JD 635 DISK



$6,999

0% FINANCING UNTIL APRIL, 1994

NEW EQUIPMENT SPECIALS

- JD 7600 Demo. Tractor, MFWD, PST, C.G. Cab
- JD 6300 Demo. Tractor, MFWD, Power Quad. Trans., C.G. Cab
- JD 5200 Tractor, 2WD, Synchro-Trans.
- (3) JD 7200 Conservation Planters, 4 Row, Back From Spring Lease
- (2) JD 610 Chisel Plows, 10' With Extensions, 1 Demo.
- JD 620 Disk Harrow, 12'
- JD 635 Disk Harrow, 12'

BARTRON SUPPLY INC.
P.O. BOX 150 ROUTE 92
TUNKHANNOCK, PA 18657
(717) 836-4011

JOHN DEERE

Best Buys in Used Equipment

TRACTORS:
Farmall Cub Lowboy w/Woods L59 Rotary Mower, Late Model 12V
154 Low Boy w/C3 Mower
IH 460 Diesel Tricycle - Nice Shape!
IH 284 Gas 2WD w/GB Loader
IH 140 w/6 Ft. Belly Mower
Int. 3414D Loader w/Cab, Twp. Tractor
IH 2500A w/Loader Shuttle Shift
Ford 2110 Gas w/Turf Tires
Case 2590, 2WD, Cab, Air, 180 HP
JD 301D Utility with Mid Mounted Hyd. Sickle Bar Mower - Real nice... Low Hrs.
JD 2040 w/Triumph Sickle Bar Mower, Hyd. Drive, 1100 Hrs., Like New
Kubota M4050, 2WD, 45 PTO Hp.
Farmall M
Farmall H w/Bucksaw And Woods 5 Ft. Belly Mower

HAY & FORAGE:
IH 440 Baler w/Thrower
IH 990, 9 Ft. Mower Conditioner
Badger Forage Box w/Tandem Axle
Hesston 4500 Wire Baler w/Thrower
Ford 530 Baler w/Thrower

OUTDOOR POWER EQUIP.:
Good Selection Of Older Cub Cadet Lawn & Garden Tractors — All Makes And Models!
JD 214 SOLD n Tractor
1987 Cub Cadet, Model 1872 18HP, w/50" Deck
Cub Cadet 1450 & 1650 With Decks!
Toro 7 Gang Pull-Type Golf Course Mower
(1) National 3-Gang Triplex, 1987 Model, 69" Cut- Was $2,000 - Now $1,800
718K Grasshopper w/52" Deck

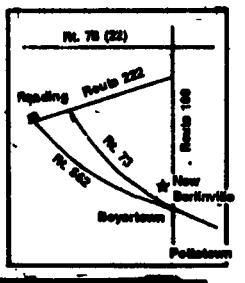
TILLAGE:
JD 12 Ft. Transport Disk
Case IH 475 Cushion Gang Disk Harrow, 13'5, 9" Spacing

COMBINES:
MF 1144 4-Row Wide CH, Ex. Cond.
744 Wide Cornhead for 715, Ex. Cond.
IH 810 15' Grain Head w/Hart Carter Floating Cutter Bar
24.5x34 Rice Tires & Rims For IH 1420 Or 1620

MISCELLANEOUS:
FMC DO-25 300 Gal. w/Gun & Hose Reel, Trailing Model, 2 Cyl. Kohler Engine, Like New
Century 250 Gal. Trailing Sprayer
National 3-Gang Triplex 84" Cut, Kohler Engine, Elec. Start
Danuser 2 Pt. Fast Hitch
Post Hole Digger, Nice Shape!
HS 105 Woods Hyd. 3 pt. Hitch Ditch Bank Mower
Morbark Busy Beaver Disk Chipper Trailing Model With Engine, 5" Capacity, Nice Shape!
FMC 500 Gal. Trailing Sprayer w/Boom Piston Pump
4-Ton Tandem Axle Hydraulic Dump Trailer

Hours: Daily 7:30 to 5; Sat. 7:30 to 3

We Ship UPS Daily!



ERB & HENRY EQUIP., INC.
New Berlinville, PA
One Mile North of Boyertown
215-367-2169
FAX: 215-367-6715

case IH

Tractors:
4630 dsl., 4030 dsl., 2840 dsl., (2) 2510 gas, 2010 gas.

Planting Equipment:
4R Stanhay,15R Stanhay, 8R Planet Jr., 9R JD #71, IH 510 grain drill (6x24), 4R Holland transplanter, 9R Holland transplanter.

Fertilizer Applicators:
Vicon 1400# hopper 3pt. hitch, Wilmar 5-ton w/side auger,,3pt. hitch 6x30" side dresser w/SS hopper.

Tillage:
Lely Roterra 15' w/bed shapers, JD 6-shenk subsoiler, JD 25 coil spring field cultivator, (3)Brillion packers 12' & 4', bed shaper 15' wide 3-60" beds or 9 rows, bed shaper 10' wide 4-30 rows, M&M 5x18" 2-way mold board plow.

Cultivators:
JD RR4, JD RM 15' 9R w/shields, JD RM 15' 3 beds, Ford 11 shenk 2R w/shields.

Flat 2-WheelWagons:
(4) 8'x20' 8-ton, (2)8'x17' 8-ton, (2) 8'x16' 4-ton, (3)Chisom rider dump carts.

Irrigation:
Detroit 671 w/Worthington 2000/GPM, Duetz 135hp w/Cornell 1400/GPM, (2) Rainbow travelers.

Wade Rain Pipe:
(34) 8"x40' ring lock, (96) 6" x40', (280) 4"x40' w/Rainbird 30's, T's, L's, valves & plugs.

Trucks
'81 Int. 2600 Tdm. Axle, 22' flat dump, w/grain sides, 56 GVW. 80' Int. 1800, 20' flat w/grain sides, 27 GVW. '78 Ford P600 step van, 15 GVW. '74 Ford 750 Cab/Chassis 27 GVS. '65 GMC 5000, 22' van body, 27 GVW. '70 Diamond Reo Tandem Tractor. 1969 Fruehauf Stainless Steel 13' 4"x45' Dry Box

609/358-0831

USED TRACTORS

"Will buy or trade tractors"

JD 4450, PS, MFWD, SGB, loaded.....$33,750
JD 3970 harvester w/2 heads, 1 yr old.$19,000
JD 4240 SGB, QR.....$15,500
JD 2940 SGB, 2 hyd. hi/lo, original.....$15,600
JD 4040 SGB, QR, Trans, 2 Hyd.....$15,500
JD 4430, QR Trans., SGB.....$13,500
JD 2750 hi/lo, Ind. PTO, 38" rubber....$11,600
JD 2940 hi/lo 2 hyd., ind. PTO.....$11,500
JD 4030, QR trans., SGB.....$11,200
JD 2840 late model loaded 3088 hrs.....$9,500
JD 2440, 1982 Ind. PTO, nice.....$9,200
JD 4000, 1972, WF, Good Rubber, Nice..$9,000
JD 4020 side console, WF, original.....$8,900
JD 2640, ind, PTO, hi/lo, sharp.....$8,800
Ford 7000 diesel, 1 owner, mint cond.....$8,200
JD 3020, side console WF.....$7,800
JD 650 4x4 301 orig. hours.....$7,000
JD 3130 Hi-lo 2 Hyd. Cab.....$6,600
JD 3020 diesel, WF, SR trans, original....$6,500
JD 2130 hi/lo cab, late model.....$6,500
JD 2030 dsl., ind. PTO, 60 HP.....$6,300
JD 125 dsl.,skid loader 2100 hrs.....$6,200
JD 2130 hi/lo, Ind. PTO.....$5,900
JD 4020, WF, diesel, runs OK, SR trans.$5,200
MF 178, new tires, new paint.....$4,800
JD 3010, NF, good rubber.....$4,200
Westfield 8x51, PTO, auger, new.....$2,300
JD 143 loader, w/valve.....$2,000
IH 300, good TA, overhauled engine.....$2,000
Wide front ends for JD 4020, brand new.$1,300
Yellow roof roll bar off JD 2640.....$600
18.4x34 JD axle duals for 4020.....$500
JD 4020 or 3020 toplinks brand new...$150 ea.

Zimmerman Elevators, Hay Tedders
Wagon Gears & Forage Wagons
Farmco Metal Feeder Wagons, Bale
Bodies & Country Boy Gravity Bins
JD Front & Rear Weights J&L Hay Savers

Reiff Farm Service

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Fax 717-464-4130
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USED TRACTORS

Case IH 885 row crop, 1900 hrs., 18.4x34 rubber
IH 1466 cab, air, very nice
JD 7520 cab w/air, rebuilt engine, front differential, new tires, 3 pt. hitch, excel. cond.
IH 5288 cab, air, 3 remotes, sharp
IH 86 hydro fender tractor, 2500 hrs., rebuilt hydro, excel. condition
IH 1486 cab, air, new TA, good cond.
Farmall Super C w/sickle bar mower
ROPS to fit 656 hydro 70, Ect.
IH 66 Series factory cab w/air
Several sets of 15.5x38 tires
Several sets of 18.4x38 axle duals
MF 510 diesel combine w/13' grain head
Wide front to fit Farmall Super C

COLLECTORS

FACTORY STEEL TO FIT JD A
JD 70 LP, very nice
JD 8020 good mechanical cond., fresh paint, field ready
JD 420W, good condition

The Ideal Lift And Carry Machine.

BOBCAT 7753
LONG-WHEELBASE
SKID STEER LOADER

Excellent lift height, dump angle and reach for loading trucks. The new lift-arm design also allows good visibility from the operator's cab to the Bob-Tach and attachments

- 1700 Lb. Rated Operating Capacity
- 46 HP Kubota Liquid-Cooled Diesel Engine

GRUMELLI FARM SERVICE, INC.

See Salesmen:
Don Fichtner
Clarence Herr
Tony Grumelli

Quarryville, Pa.
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bobcat

USED TRACTORS

JD 4650, 4WD, cab & air
(3) JD 4450, MFWD, power shift, sharp
JD 2950, 4WD w/260 loader
JD 2555, 4WD, cab & air
JD 2550
JD 2350
JD 1050 w/470 hrs.
JD 4440, cab & air
JD 4240, cab & air
JD 4040, cab & air
JD 2940, 4WD
JD 2840 w/loader
JD 2840
JD 2640 w/loader
JD 2240
JD 4430, Cab & air
JD 4230, cab & air, power shift
JD 4230, cab & air, quad
JD 4030, gas
JD 5020
JD 4520, power shift
JD 4320 SOLD
JD 4020, real sharp
Case IH 7110, 2WD, cab & air
IH 5088, cab & air
IH 1466 w/cab
IH 966
IH 684
IH 84 hydro
IH 656, gas
IH 544, diesel
IH 384, power steering, diesel
IH 826
IH 1486 cab & air, sharp
IH 595, 650 hours, like new
IH 885 w/750 hrs.
Case IH 245, MFWD, like new
Ford 4000, gas
MF 35
MF 231, new

INDUSTRIAL

JD 310 TLB w/cab, excellent
NH 785 skid steer
Case 1835 skid steer
Ford 445, 4WD w/loader & 3 pt. hitch
Ford 1700, 4WD w/loader
Ford 1710 TLB, 4WD
MF 200 diesel crawler loader, 4 in 1 bucket

USED PLOWS

Ford 3 btm. 3 pt. hitch, spring reset plow
White 6 btm. 16" spring reset plow
IH conservtill 10'
JD 3 btm. roll over plow
JD 5 btm. on land hitch
JD 8 btm. 2800 varied width on land hitch plow
IH 710 8 btm. 18" spring reset, on land hitch
JD 2500 5 btm. 18" spring reset
JD 2500 6 btm. auto reset

USED COMBINES

New JD 643 corn head

IH 844 4RW head
244 JD corn heads
444 JD corn heads
443 corn head
JD 915 flex head, like new
JD 215 flex head
JD 213 flex head
JD 3300, diesel, excellent
JD 4400, diesel

HAY EQUIPMENT

NH 852 round baler
NH 472 haybine
Gehl 1850 round baler
Vermeer 403 round baler
JD 348 wire baler w/thrower, like new
JD 346 wire baler w/thrower
JD 410 round baler
NH 320 baler w/kicker, like new
JD 327 baler w/thrower, excellent

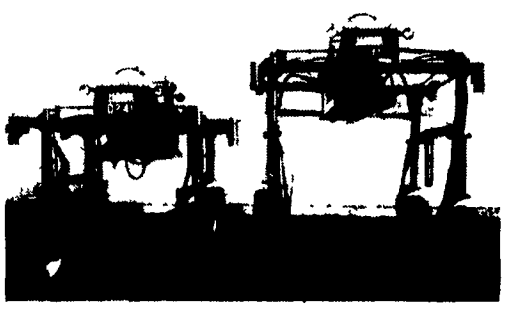
MISCELLANEOUS

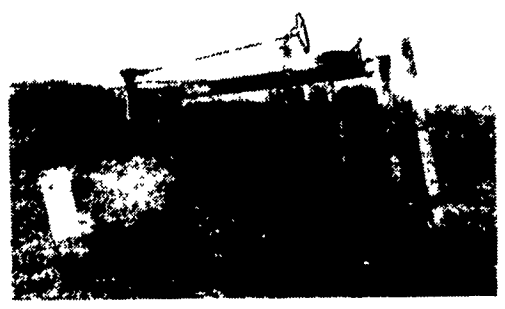
Gehl 800 recutter
JD 7000 6 row liquid planter
JD 7000 12 roll front fold planter
Brillion 21' hyd. fold roller harrow
Kewanee hyd. fold 20' roller harrow, like new
Kewanee 21' hyd. fold disc
Taylorway 25' disc
JD 110 disc
JD 115 disc
JD 16A flail chopper, very good
Glenco soil finisher, 12'
AC Air Champ 8 row bean planter, no till

D & R EQUIPMENT INC.

Rt. 579, Ringoes, New Jersey
(908) 782-5082

Imagination or Innovation
What Can These Machines Do For You?





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Irrigation Service Vehicle

4 Different Models In Stock Starting At $1200

Plain View Farms

Worton, MD 21678

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Best Buys in Used Equipment

USED EQUIPMENT

Farmall 806 diesel, WF
IH 445 baler w/thrower
(2) NH 489 mower conditioners
IH 19' 3 pt. vibra shank harrow
Brillion 16' transport harrow
Brillion 14' single roll packer w/ transport, excellent condition
IH 435 baler w/thrower
JD tubular hay elevator, PTO drive
IH fast hitch equipment: 3 btm. plow; 8' disc harrow; 2 row cultivator; 6' rear blade; 8' York rake
5' 3 pt. hitch rotary cutter

USED COMBINES

JD 3300 w/cab, gas, 2 row corn head & grain head

Unverferth gravity boxes in stock

BANGOR IMPLEMENT

6 Flicksville Rd., Bangor, PA 18013

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case IH

Smith's Implements, Inc.

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Phone (717) 328-2244 & 2226

TRACTOR

MF 35 tractor, 3 pt. hitch, good condition ..**Coming In, Call For Details**

HAY & FORAGE EQUIP.

NH 900 forage harvester w/metal alert II w/3RN corn head & 6 1/2' pickup head.....**Call For Details**
NH 489 9', very good condition .....**Call For Details**
NH 499 12' swing arm windrower, excellent condition.....**$6900**
JD 2RN Corn Head w/Slip Clutch .....**Call For Details**
JD 3950 forage harvester w/long tongue, hyd. controls, excellent condition, ...**Coming In, Call For Details**
JD 216 Forage Box w/4 wheel running gear, rear unload.....**Coming In, Call For Details**
JD 216 Forage Wagon w/Roof & third beater, rear unload.....**Coming In, Call For Details**
NH 489 9' mower conditioner w/hyd. cylinder, very good condition.....**$4500**
JD 39 7' sickle mower, 3 pt hitch **$1200**
IH 1190 9' mower conditioner, good condition.....**Call For Details $2400**
JD 5 1/2' Hay pickup head, w/slip clutch.....**$1750**
*JD 714 Forage Wagon w/third beater w/JD 1275 tandem running gear.....**$3900**
JD 1327 Rotary disc mower conditioner .....**Call For Details**
JD 430 round baler w/large high flotation tires.....**$8950**
Gehl Model BH1500 3 pt. hitch round bale mover **$1000**
JD 7 Ft. pick-up head w/gauge wheels, excel cond..**Call For Price**

MISC.

JD 750 15' no-till grain drill w/grass seed attach., used 3 seasons.....**Coming In, Call For Details**

Also A Dealer For Sunflower Tillage Equipment And H&S Equipment

USED TRACTORS

JD 7020, 145 h p , 4 whl , duals, cab, reduced	~~$17,000~~	$15,000
JD 5020, 145 h p , new tires good, reduced	~~$11,500~~	$10,500
IH 706, gas		$ 4,000
Case 430, gas		$ 3,500

New Tractors In Stock JD 6200, (2) 6300, 7400 7800

RECONDITIONED COMBINES

JD Financing Available - Interest Free Till Jan 1, 1995

'85 JD 6620 Sidehill Titan II, excellent		$46,500
'84 JD 6620 Sidehill, excellent...		$38,000
'75 JD 7700, 2,900 hrs , good.		$15,000
'78 JD 6600 Sidehill, good ..		$18,500
'73 JD 6600, 2,675 hrs., good .	~~$14,500~~	$13,000
'79 JD 4400, dsl , 2,163 hrs , air, good	~~$16,500~~	$15,500
'74 JD 4400, dsl , 2,025 hrs., good . .		$12,500
'73 JD 4400, gas, good		$ 7,500
'76 JD 3300, diesel w 244 corn head		
Gleaner L, good w platform	~~$ 8,000~~	$ 7,000
Gleaner K, good w platform	~~$ 4,500~~	$ 4,000
Gleaner F w platform & 4R cornhead		$ 2,500
NI #10 Corn Picker, 1R		$ 850
NI 329 Sheller		$ 2,500

COMBINE HEADS

NI 843 Corn Head 3RN
MF & AC Cornheads 4R & 6R
NI 843N 3 row snapper head
JD 244 corn head, good . . $ 1,800
(2) JD 13' quick tach platforms

HAY & FORAGE

NI Uni 708 power unit w 868 harvester (grass head, 611N, 774N, 737 Husker, excellent condition complete $ 42,000
NH 770 Harvester w heads
(2) JD 1600 12' hydro swing Mo-Co, new warranty, Penn State Lease ~~$14,500~~ $13,500
JD 375 round baler, demo special $10,900
JD 350 sickle mowers, 7'
JD 7000 6RN liquid frame mount coulters, recond $ 3,500
IH 400 planter
Vermeer hydraulic hay rake $ 1,000
'78 Chevy C65 tractor w 4:7, 13 spd, hendrickson susp wetline, good
Littleston no-till drill, very good $ 7,500
Great Plains, no till drill 10' rental machine

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Between Mifflintown & McAlisterville
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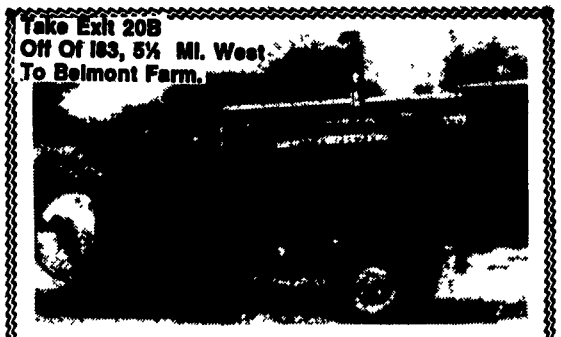
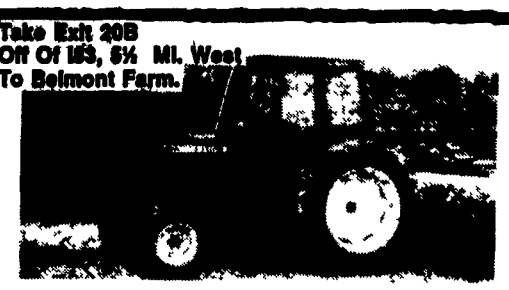


JD 2010
Gas, Good Cond., With Good Rubber
$3,500
410-833-9091



FORD 6600
Cab, New Rubber, 2500 Hrs., Dual Pwr.
$7,800
410-833-9091

Douglas EQUIPMENT & SUPPLY CO.

(717) 428-1517 or 717/741-1797
Fax No: (717) 428-2990
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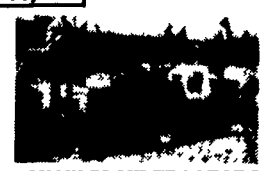
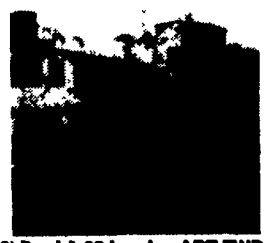
Many Pieces Not Listed!
If You Don't See It - Give Us A Call!

THINK SNOW

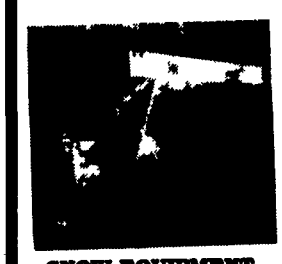


SNOW PLOW TRACTORS
IH 2400A, Gas, Power Angle Plow, Cab, Heater $3,550
1989 Kubota L2550, 938 Hrs., Diesel, Cab, Heater, $4,250
Snow Line V4 Wisconsin Cab $1,950



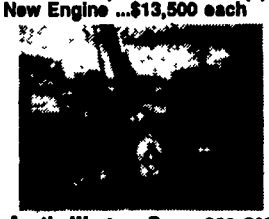
2) Ford A-62 Loader, ART FWD Ford Diesel, Good Cond. (1) New Engine ...$13,500 each

Case 380 Tractor, 3 Pt., PTO, Diesel, Good Cond., cleaned & painted...$4,750



SNOW EQUIPMENT IN STOCK
Used Spreaders, Used Plows, Parts & Accessories. Call For Prices!

Dump Trailers
Hill, Fruehauf, Parker, 26 Ft., Aluminum
Starting At $3,500



Austin Western Pacer 300 GM 4-71 Diesel, Cab & Heater, Power Angle Snow Plow, $5,500

IH 1700 Dump, 404 Gas, 5x2, P/S, Ready For Spreader & Snow Plow $5,900

Huber Maintainers
(2) M-600's 1 w/Cab $7,500
1 w/Front Blade
(1) M52 - Front & Center Blade $3,750

(2) Case 580C's, T.L.B., OROPS

Davey 150 CFM Compressor, Ford Diesel, 1600 Hrs., Hose Reels ...$3,900

Rollers
Rubber Tire, Tandem, 3 Wheel, Starting At $1500

Merry Christmas From Everyone At Douglas Equipment!

Best Buys in Used Equipment

USED TRACTORS

IH 806 w/fast hitch
Farmall Cub w/sickle bar mower
AC 6080 w/cab
JD 2555 w/ROPS

USED HAY EQUIP.

NH 469 haybine
NH 499 12 Ft. Hydro Swing
Pequea PTO drive tedder
NH 489 Haybine
New Idea 400 Hay Rake

USED COMBINES

NI Uni 802, 4WD, 2,300 hrs. w/844 corn head w/819 combine w/straw chopper w/813 grain head, very nice

Ford 642 combine, 4WD, 4 row wide corn head, 15' grain head
NH TR70
NI 717 combine w/straw chopper
IH 1420 Combine
IH 820 13 Ft. Flexhead
JD 3300 w/cab, gas, w/2 row corn head & grain head
IH 1440 w/electro hydraulics, 643 hrs.

NEW HAY TEDDERS IN STOCK

1 - Stoll tedder rake

New Vicon Seeders In Stock

USED EQUIPMENT

Ford 145 4 btm. roll over plow
JD 845 3 btm. roll over plow
IH 485 disc harrow, 18', nice
Gehl 910 Forage Box w/10 Ton Gear
A.C. 1200 E-Field Cult. w/harrow
Hesston 1071 7 Ft. Mower Cond., real nice
Case 10 Ft. Offset Disk Harrow
JD 310 Disk Harrow w/Buster Bar
Int. 3 Bottom Rollover Plow
Ford Model 917 Flail Mower
Int. 461 4 Row Front Mounted Cultivator
Brillion 15 Ft. Cultipacker, Like New
McCurdy 325 Gravity Box
Farm Hand grinder mixer

GRAIN HARVESTING

(2) IH 810's 13' & 15' heads
McCurdy 230 gravity boxes
McCurdy 275 gravity box

Eckroth Bros. Farm Equipment

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7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

case IH

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Meyers Implements, Inc.

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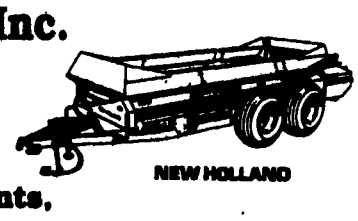

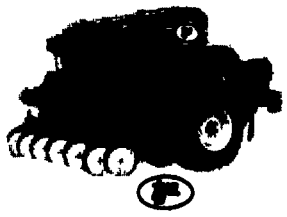

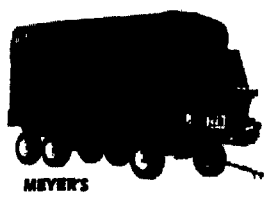

We at Meyers Implements, Inc. have strived for many years to bring our customers the best products available. While one eye was fixed on the goal of providing quality products, the second was looking out for affordability. As a result, we have assembled the highest quality products available on the market and because of our dual commitment we can offer them at the most competitive prices.

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NI 705 Unisystem
NI 767 Super Chopper
NI 737 Husking Unit
NI 735 3R Head
NI 710 Combine Unit
NI 713 Cutting Platform

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JD 950 12' roller harrow
JD 425 offset disk used less than 100 acres
JD 210 disk 12' w/cushion gang attach.
JD 1350-1450 5 bt. plow
JD 336 baler w/30 ejector
JD 246 3 pt. 2 row planter

TRACTORS

JD 2030 dsl., nice	Coming In
IHC 966, cab, heat, air, engine & torque rebuilt less than 2 years ago	Coming In
JD 4020 Gas, NF	$ 4,750
JD 5400 MFWD w/540 loader, 208 hrs., like new	$26,500
JD 5200 MFWD w/turf tires, 86 hours, like new	$19,500
JD 2950 MFWD, cab, heat, air	Coming In
JD 4040 4 post, power shift	$16,900
JD 4430, 1977 model, cab & air, QR, new engine	$18,900
JD 2640 w/146 loader, reverser, excellent	Coming In
IHC 1466 Cab & Air, black stripe	Coming In
JD 3020 Dsl w/WF & Cab	Coming In
Deutz DX130, 4 Post, w/3000 Original Hours	$10,900
Case 930 Gas W.F.	$ 4,950

Brand New JD 12' Direct Cut Head for Self-Propelled Forage Harvesters
List Price $12,860
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JD 1600 12' 3 pt. chisel	$ 1,750
IHC 700 4X spring reset	$ 1,850
JD 970 Roller Harrow, 12', Like New	Coming In
JD 110 Disc, 11'5"	$ 1,950
(2) JD 5X Model 1350-1450 Plows, Like New	Your Choice $ 1,800
JD F145 5 Bt. Plow w/Coulters	$ 1,000
White 21' Wing Fold Field Cult. Spike Attach.	$ 2,450
JD 3 Btm. 3 Pt. Box Beam Plow	$ 450
JD 5 Btm. Trip Plow	$ 700
JD 6 Btm. Trip Plow	$ 1,100
Pittsburgh 6 Spring Reset	$ 6,000
Power Harrow	$ 350
JD 2 Row Mounted Cultivator	$ 100
JD 16' Drag Harrow	$ 800
JD 12' Disk	$ 400
IHC 710 4BT Safety Trip	$ 1,850

PLANTERS

JD 7000 6R conservation w/liquid & no-till	$ 3,995
JD 7200 6R liquid w/no-till, excellent	Coming In
JD 7000 6R Conservation Planter w/Dry Fertilizer & Auger Fill	$ 7,950
JD 1240 4R Shoe, No Markers	$ 400
JD 7000 4R Conservation Planter w/Liquid & Frame Mounted No-Till	$ 7,850

COMBINES & HEADS

JD 4420 w/23.1x26 tires, 1600 hrs., very nice	Coming In
JD 215 flex, black reel, very nice	$ 5,450
JD 443 Corn Head	$ 5,250
JD 4400 dsl. 1976 model 1366 hrs., rotary screen cab heat & air, 23.1x26 tires, very nice	$11,900
JD 4400 dsl. 1975 model 2965 hrs., rotary screen cab, heat & air, nice	$ 9,750
JD 4400 dsl. 1974 model 2968 hrs., cab, heat & air, good	$ 8,250
JD 4400 gas, 1972 model 2618 hrs., cab & heat	$ 6,950
JD 6600 dsl. 1976 model 2901 hrs., cab, heat & air, rotary screen, very nice	$14,900
JD 215 flex head w/side hill adapters	$ 4,250
NI #10 1R picker	$ 950
JD 215 flex head, yellow reel, excellent	$ 4,250
JD 4400 Gas Combine	$ 4,995
JD 6600 Combine (Parts)	$ 1,500
MF 510 w/Cornhead & 13' Platform	$ 3,000
JD 213 Flexhead, Yellow Reel	$ 1,500

MISCELLANEOUS

Weaverline feed cart model 430 (30 bushel), low hours	$ 3,500
JD 260 Loader	$ 4,950
20.8x38 Snap On Duals	$ 850
Dual Wheels 18.4x34 Snap On, w/Tires	$ 750
Case Rotary Mower	$ 100

HAY EQUIPMENT

NI 272 Cutditioner, Excellent	$ 1,950
JD 327 baler w/30 ejector, very nice	Coming In
NI 486 Round Baler, excellent	$12,000
JD 1219 Haybine	$ 4,850
JD 1209 Haybine	$ 950
NH 38 Flail Chopper	$ 3,950
NH 851 Round Baler	$ 4,950
JD 336 Baler w/Ejector	$ 4,850
NH 488 Haybine, 9'	$ 2,950
NH 68 Baler w/Thrower	$ 1,250
NH 495 Haybine	$ 4,000
NH 273 Baler w/Ejector	$ 1,200

FORAGE EQUIPMENT

JD 3940 Harv. w/elect. controls, 1000 PTO w/2R & 5½ Pickup	$ 8,950
JD 2RN Forage Head (Green, 2 Years Old), Like New	$ 3,250
JD 3RN Forage head, nice	$ 4,650
JD 2RW w/slip clutch	$ 1,350
NH 782 harvester w/metal alert, 2RN and grass head, excellent	$ 8,250
JD 3940 Harvester w/Electric Controls, 540 PTO, w/2 Row & 5½ ' Pickup	$ 8,950

DRILLS

JD 450 2446 w/Press Wheels, 1 Year Old	$ 7,750

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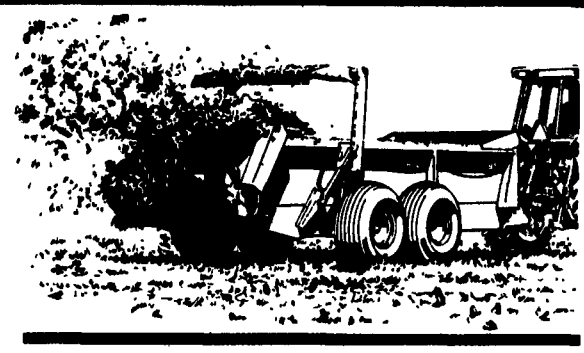

THE BIGGEST

The New Holland Model 195 box spreader is up to your biggest spreading job.
- **Capacity.** The "195" takes on 410 bushels (440 cu. ft.) without flinching.
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- **Bonded Protection warranty.** If the polyethylene floor fails or the sides rust, we'll replace them free for 12 years.
- **Fast clean out . . .** even with this big-capacity strong box.
- **Large tandem oscillating wheels.** Allow faster ground speeds in rough terrain, with less ground compaction.

Check out our biggest New Holland spreader . . . from the biggest name in spreaders.

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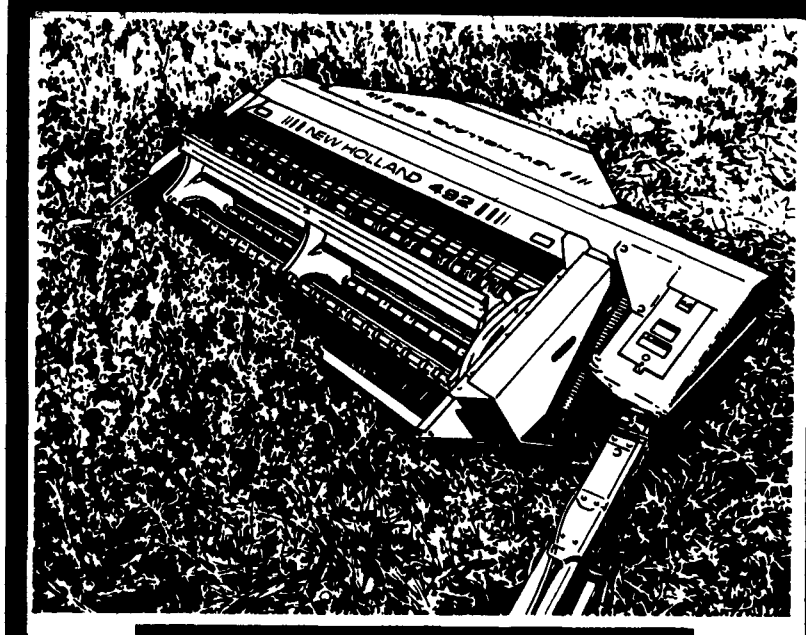

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Stop in and take a look at the industry standard for making quality hay—New Holland Haybine® mower-conditioners. They're reliable, easy to adjust and provide plug-free cutting and conditioning—cutting after cutting. See us today.

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QUALITY USED EQUIPMENT FOR SALE

- NH-1495 Diesel Engine, Hydro, cab, AC. Haybine
- Hesston 1130 Mower Conditioner
- IH 1086 Tractor
- (4) NH 489 Haybines
- NH 851 Round Baler
- NH 1034 Bale Wagon
- NH 144 Windrow Inverter
- NH 791 Spreader
- NI 3125 Slurry
- NH L553 Skid Loader
- Gehl 960 Forage Box
- Gehl 99 Blower

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FWD, TSS, w/-Hi-Lo 540-1000
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USED EQUIPMENT

- Farmall B Tractor w/Cultivator
- Int. Cub w/New Woods Underneath Mower
- Ford 821 w/5' Ind. Hyd. Mower
- JD 3020 Gas, PS, Tri, 1 Valve, Good Cond.
- JD 755 w/New Mid-Mount Mower
- Guaranteed Pressure Washers, 600-2400 psi Gas Or Electric, Prices Start At $390
- Ford 9N Tractor
- Used Bobcat 610 Skid Steer Loader
- Myers Front Mount Snow Plow For 55 Series JD Tractors
- Mack Truck w/Implement Trailer

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Tractors

JD 2955, MFWD, w/cab, SGB, very nice
'86 JD 4850 SGB, MFWD, dual & weights, 1 owner
JD 4640 SGB, quad w/front wheel assist
JD 4440 SGB, quad
JD 4440 SGB, power shift
JD 4240 SGB, quad
1976 JD 4630 SGB, 20" tires
JD 4630, SGB, power shift, hyd. front
JD 4430 SGB, quad, new radials
JD 4430 SOLD quad, nice
JD 4430 SGB, 3400 hrs., nice, w/no air
JD 4230 SGB, quad, very nice
JD 4030 quad fender tractor, '77 model
JD 4020 gas, power shift, WF
JD 3020, diesel, NF, power shift
JD 830D 2 cyl.

JD 300 hydro lawn mower
JD 318 hydro lawn mower
JD 316 hydro lawn mower

1978 Peterbilt cabover, 400 Cummins, big cam, 13 speed, air ride tandems, AC, 550,000 total miles, well maintained, very solid with records since new.

'83 Case 2090 cab, air, Power shift, 2063 hrs., very nice
IH 3588, 2+2, Nice Tractor
IH 3488, 1984, Factory Cab, Air, Hydro., Low Hrs.
IH 1486 Factory Cab, Air, 1979 Red Power
IH 1086 cab, air 3500 hrs., very nice
IH 1086 cab, air, sharp
IH 986 factory cab, air, 18-38 tires, nice w/2600 hrs.
IH 986 factory cab, air, 2500 hrs., sharp
IH 986 factory cab, air
IH 886 4 post, 2900 original hrs.
Case IH 885 fender tractor, 38" tires, roll guard
IH 684D
IH 84 hydro, 2800 hrs.
IH 1466 red cab SOLD air, 3300 hrs., very nice
IH 1468 V8 cab, air, very nice
IH 1066 red cab w/air
IH 1066 White cab w/air
IH 966 w/cab & air
IH 966 red cab w/air, sharp
IH 966 fender tractor, WF, 3 pt.
IH 806 diesel WF
IH 574 diesel, low hrs., very nice
IH 560 gas, NF, fast hitch
Farmall H
White 2-70 w/roll guard, 1400 original hrs., very nice
AC 185 diesel, 2800 hrs., nice

Combines

1983 JD 7720 combine, nice
JD 4420 air, monitors, header height
JD 7700D, variable speed, early model, shedded, good condition, cheap SOLD
1976 JD 4400 diesel, nice
JD 4400D, air, 1974 model

Now Stocking New Koyker Quick Attach Loaders For Most JD & IH Farm Tractors, 40 HP To 180 HP.

(2) '90 Case 1840 skid steer
Case 1835C, diesel, skid loader

Implements & Misc.

IH 720 6x18" auto reset
IH 720 6x16" auto reset
IH 720 5x18" auto reset
IH 720 5x18" toggle trip plow, semi mount
Case IH 720 4x18" auto reset, almost new
IH 720 4x SOLD o reset
IH 710 auto reset on-land hitch, 7b, 16"
IH 710 4x16 auto reset
IH 700, 5x16" auto reset
IH 470, manual fold 16' disc, needs blades
IH 480 Wing Fold Disc
JD 210 Disc
Kewanee rock flex wingfold disc, 21½'
JD 10T chisel
Case 12T chisel
KMC disc chisel
IH 550 spreader
JD 510 round baler
JD 640 hay rake
IH 2355 Quick Attach Loader, For IH 88 Series
Brady 1440 12' stalk chopper
Factory JD WF to fit 520 thru 730
Factory JD WF to fit 3020 thru 4020

Heads

MF 1163 6RN
MF 1143 4RN
MF 1859, 16' 6 Bat Ull Reel
IH 943 4RN, very nice
IH 843 4RN, Good
IH 810 ridgid head, nice condition
JD 443 4RN High Tin, Very Nice
JD 444 hi-tin, very nice
JD 216 flex Black Reel
JD 213 flex, black reel
JD 13' & 15' rigid head
JD adapter for ear corn head to chopper
NI 766 hay pickup head
NI 713 grain head
NI 763, 3 Row Chopper Head
NI 741 quick attach throat

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Used Parts

Dual wheels - 34's and 38's
Tractor Weights JD & IH
IH 544 diesel, hydro Farmall
IH 504 utility
IH 856 diesel
IH 706 diesel
IH 1256
IH 70 hydro
IH 806 diesel & gas
IH 560 D
IH 706 gas tractor
IH dual PTO units
IH 826 diesel
IH 1026 hydro
Farmall 400 & 450 D & gas
Farmall H & M
NI 713 & 715 grain heads
NI 702 D & 701 G & 702 G
NI 717 combine
JD 4020 dsl., powershift
JD 3020 G

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USED TRACTORS

Ford TW20, factory cab, air, dual remotes, dual shafts, weights all around, very nice
Ford TW15, cab, air, 1985 model, 4x4, triple outlets, radial tires, weights all around, excellent
Ford TW15, cab, air, deluxe hydraulics, 20.8x38 tires, very nice
Ford 7700 dsl. 8 speed, ROPS, dual remotes, weights, dual PTO's, 1800 hours, excellent
Ford 7600, 4WD, front weights, dual power, dual remotes, excellent
Ford 7000 diesel flat deck, w/roll bar & canopy, dual remotes, front weights, very clean & nice
Ford 5610 w/dual power, dual remotes, Ford loader and Sims all weather cab
Ford 5000 dsl, 8 speed w/dual remotes, 38" tires & weights
Ford 4600 dsl, SU, w/heavy duty Ford loader, power steering & dual remotes
JD 4620, factory cab, power shift, 20.8x38 tires w/direct axle duals, 2 valves, front weights, extra nice
JD 4430, cab, air, power shift, 2 remotes, 18x38 tires, 3600 hours
JD 4240, cab, air, quad, weights, radials, 4x4, very nice
JD 4020 dsl., power shift, side console, 1971 model
JD 4020 side console syncro range, 2 remotes, front weights, nice Hiniker cab, clean & sharp
JD 4020 diesel, syncro range, side console, no cab, 4700 original hours, excellent
JD 2950, non cab, 2 remotes, hi-low, 2300 hours, real nice
IH 5088, 4WD, 1984 model, cab, air, duals, weights, triple outlets, 2 shafts, excellent
IH 1086, 1981, cab, air, fully weighted, dual remotes, digital, western interior, extra clean
IH 986, 1981, cab, air, 20.8x38 tires, 3300 hours
IH 886, 1981, cab, air, digital, front & rear weights, dual remotes, excellent
IH 786D Fender tractor w/dual remotes and IH 2350 QT loader
AC 7040, cab, air, weights, 20.8x38 tires, 20 spd. power director, very nice
White 2-105, cab & air, 2700 hours, very nice
White 2-135, 4WD, cab, air, digital, deluxe interior, 2 PTO's, 2800 hrs.

USED FORAGE EQUIPMENT

NI 802 Unisystem, cab, air, 4WD, Duals, Weights, 868 chopper, 4 RN corn, 8' pickup w/dolly wheels, 666 Hours, excellent

NH 36 Flail Chopper
NH 782, electric controls, heavy duty 540 PTO, new paint, ready to go
Gehl 1260, fully equipped with all the options, choice of heads, very nice
Gehl 970 wagon, 3 beater tandem, no roof, like new
Gehl CB800, electric controls, 2 RN, hay pickup
FNH 790, electric controls, late model
heads, very nice
JD 716A, 3 beater w/roof, tandem axle wagon, excellent
JD 3950, electric controls, hyd. tongue, 2RN corn, excellent
Gehl 1250, tandem axle, electric controls, 2 or 3 RN, 7' pickup, nice condition
Rex 3 beater w/roof tandem axle wagon, steel sides, very nice condition (Lamco)

USED PLANTERS AND DRILLS

IH 510 18x7 DD, seed & grass seed, very nice
Brillion SS10 Sure seeder w/transport wheels & acre meter
JD 7000 4R conservation, monitor, dry fert. & insecticide boxes
JD 1240, 4R plateless, disc openers, monitor, must be seen to be appreciated
JD 7000, 6R conservation planter, fully equipped, good condition
JD 7000, 4RW planter, insecticide boxes and monitor, very nice
JD 7000 4RN, dry, plateless, insecticide boxes

USED PLOWS AND CHISELS

White 508 4x18 cushion trip w/spring loaded coulters
White 598, 4 or 5 botom, variable widths, spring automatic, excellent condition
Case IH 720 5 or 6x18 spring auto, excellent
Glenco 9 tooth soil saver, very good condition
IH 710 5x16 Auto Re[SOLD]lters & gauge wheel, very nice

Ford NH 555 skid steer, late model, low hours, Kubota dsl., boom hyd., very nice
Choice of 2

USED DISCS AND HARROWS

Pittsburgh 20' transport spring tooth harrow, used very little
Oliver 252 10' finishing disc, dual wheels, very nice
Brillion 10' double packer
JD 16' transport type spring tooth harrow, good condition
IH 133 4R cultivator w/rolling shields, excellent
McConnell 16' transport spring tooth harrow
Kewanee 12' rock flex finishing disc, very nice
White 253 12' finishing disc w/tandem wheels, very nice
Brillion 12' roller harrow, excellent
Brillion 10' packer w/4" axle, very nice
White 265 11' heavy frame cutting disc w/tandem wheels & 24" blades

USED HAY EQUIPMENT

NH 258 rake w/rubber teeth
NH 258 rake w/dolly wheel
NH 316 w/#70 thrower, excellent
NH 847 round baler
NH 276 baler w/thrower, electric controls, cylinders & hoses, very nice
NH 489 haybine, stub guards, excellent, 2 to choose from

USED HARVESTER HEADS

JD 2RW w/clutch
NH 824 2R corn
Gehl 6' pickup w/dolly wheels
FNH 790 hay head, like new
FNH 900 hay head, like new
NH 3 RN Auger base package w/8' pickup

MISCELLANEOUS

IH 2350, QT Loader
Ford 727 loader, fits 4000-7000 series tractors
Used 18.4x34 snap-on duals
JD 148 loader, fits 3020 & 4020
JD 300 w/2RN head

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1 Kelly Ryan Bagger, 18 months old

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1950 MH 55 Diesel, Good Tin, Stuck
$1,700

56 Ferg 35 New (0 Hours) Not Redone- Brand New!!!	$24,500
IH 1468 Cab- Weights- PTO- 3 Pt.- Clean	Coming In
75 IH 1568 Cab- Fair Runner	$5,900
54 IH S-H Last Year Super H In Restorable Condition	$1,900
57 JD 320S 3 Pt.- Clean Original- Above Average	$6,900
57 JD 320U Clean 1 Owner- Fair Repaint- Easy Restore	$6,500
59 JD 330S Runs Good- Nicely Redone- Good Tag	$10,500
56 JD 420HC High Crop- Runs- Needs Restored	$3,400
58 JD 420U Needs Total Restoration	$1,600
60 JD 430W Factory PS- 5 Speed- Runs Good- Last Year	$3,900
60 JD 530 3 Pt- Power Steering- New Frt Tires- Redone	$4,900
57 JD 620 Try- 3 Pt.- Decent Tin- Rare All Fuel-	$3,500
57 JD 620S Standard- Nicely Redone- Well Above Average	$5,900
58 JD 720 Pony- WF- 3 Pt.- Runs OK- Nicely Redone	$5,100
57 JD 720S Pony- Standard- Good Tin- Stuck	$2,350
59 JD 730 DE- WF- 3 Pt- Fenders- Good Tin- Runs Fair	$3,900
59 JD 730S Pony- Standard- Nicely Redone	$5,900
55 JD 80 Off Farm Condition- Fair Tires- Good Tin	$4,700
57 JD 820 Pony- PTO- Needs Restored- As Is	$2,600
58 JD 820 Runs- No Pony- Poor Tires- Fair To Gd Tin	$2,900
58 JD 820 Pony- PTO- Clean Untouched Tractor	$4,900
59 JD 830 Pony- Poor Tires- Good Tin- Runs	$5,300
59 JD 830 PTO- 2 Remotes- Overhauled Engine- Redone	$8,500
59 JD 830 DE- Overhauled- 80% Tires- Good Tin Redone	$8,900
36 JD A Unstyled- Runs Good- Easy Restore- Good Tin	$2,700
35 JD A Unstyled- Good Tires & Tin- Decent Paint	$3,100
37 JD A Unstyled- Factory Steel- Runs Good	$3,200
36 JD A Unstyled- Factory Round- Runs Good	$3,500
51 JD AR Styled- Nicely Painted- New Rear Tires	$4,900
50 JD AW WF- Fenders- Clean- $2000 Engine Work Done	$3,900
50? JD B Cyclone w/Cult- Good Rubber- As Traded	$1,550
38 JD B Unstyled- New Paint- Spokes- Runs Good	$3,200
37 JD B Unstyled- New Rear Tires- Decent Paint	$3,500
37 JD B Unstyled- Spokes- Nicely Redone- GD Tin	$4,200
41 JD D Styled- Hand Start- Good Tin- Decent	$2,700
49 JD D Styled- Runs- As Received	$2,700
39 JD D Styled- PTO- Front Spokes- Decent	$2,700
49 JD D Styled- Runs- As Received	$2,700
50 JD G Try- Decent Tin- Runs Good- Needs Paint	$2,700
51 JD G Runs- As Received	$2,900
48 JD G Good Tin- Runs Good- New Tires- Nicely Redone	$4,650
38 JD G Unstyled- Good Tires- Good Tin- Runs Good	$5,200
41 JD G Unstyled- Last Full Year Of Prod.- Nice Unit	$5,300
51 JD GW WF	Coming In
50 JD M Good Tires- Fair Tin- Runs Good- To Restore	$1,400
51 JD MT Clean Tin- Runs- Needs Restored- As Received	$1,200
49 JD MT Fenders- Weights- Fair Tin- To Restore- Runs	$1,600
50 JD MT Widefront- Runs- To Restore	$1,800
52 JD R	Coming In
54 JD R Last Year- Good Tin- PTO- Hydraulics- Stuck	$2,400
53 JD R Runs- Needs Restored	$2,800
51 JD R Overhauled- Good Tin- Repainted- Good Cond.	$4,900
63 MF 97 4x4- Cab- Runs- Good Tires- Good Tin	$4,900
61 MF 98 GM Diesel- Runs Good- Thin Paint	$4,800
60 MF 98 GM Diesel- Runs Good- Nicely Redone	$5,900
50 MH 55 Diesel- Standard- Good Tin- Stuck	$1,700
52 MH 55 Diesel- Standard- PS- PTO- Good Tin- Stuck	$1,900
53 OL 66 Widefront- Fenders- Nice Tin- 2 Remotes	$1,800
57 OL 880 Diesel- Standard- New Tires- Very Nice	$4,900
60 OL 990 GM Dsl- Poor Tires- Good Tin- Runs Good	$4,900

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Lots Of Older Sales Literature, Toys And Pedal Tractors For Sale.
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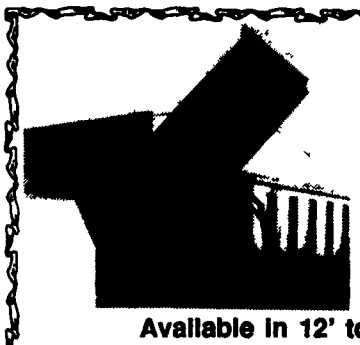

Multi-Use Silage & Grain Body

Available In 12' to 20'

Standard: Harsh Hoist, 11 ga. Floor & Sides, Hyd. End Gate Opens From Cab, 3" Tapered Sides For Easy Unload, 60" Sides At Rear, Center Mounted Grain Door

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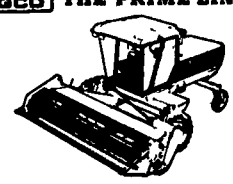
HESSTON
AGCO THE PRIME LINE

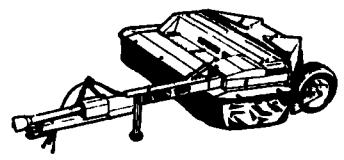
FALL DEMO CLEAN OUT SALE



Hesston 8200
SP Mower Conditioner

New List Over	$45,000
SAVE OVER	-10,000
Demo Price	$34,600

w/6.4% or Waiver to 5/1/94



Hesston 1060
10½ ' Disc Mower Conditioner

List Price	$16,500
New Now	$10,500 Cash & Tow
Demo	$9,500 Cash & Tow

Hesston 565A
5'x6' 2200 lb. Baler w/Mesh Wrap

New List Over	$25,000
SAVE	-5,500
Demo Price	$19,500

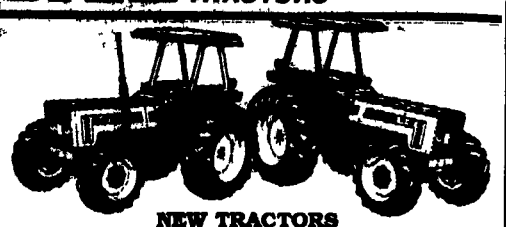
w/Low Rate or Waiver to 5/1/94
or deduct $900 for cash deal.

D.W. OGG
NOW TWO LOCATIONS

5149 Cap Stine Road, Frederick, MD 21701
Frederick County 301/473-4250
Washington County: 301/293-6833

961 Leister's Church Road, Westminster, MD 21157
Carroll County: 410/848-4585
Baltimore County: 410/876-2121

FIAT TRACTORS



NEW TRACTORS
55-66 45 HP In Stock 4WD, 9.5x24 & 18.9x30 tires

List Price	$22,500
CASH & GO	$16,900
65-66 2WD 60 HP Available	
CASH & GO PRICE	$15,850
60-66 2WD 72 HP Available	
CASH & GO PRICE	$16,950
45-66 2WD 40 HP Available	
CASH & GO PRICE	$12,900

Used Tractors & Equipment

Fiat 160-90, 150 HP, 4WD, 845 Hrs., Cab & Air	$37,900
MF 2705, 125 HP, 2WD, 1900 Hrs., Been Through Our Shop	$16,900
MF20C w/Loader, 40 HP, 2WD, 3 Pt., PTO Remotes	$6,900
AC 6080, 84 HP, 4 WD, Loader, Cab, 1770 Hrs.	$22,500
Hesston 530 Round Baler, Excellent	$5,850
Gehl 1850 Round Baler	$4,950
IH 430 Square Baler w/#10 Thrower	$1,750
NH 320 Square Baler w/#58 Thrower	$5,990
16' Hay Wagon	$950
White 253 Disc Harrow	$2,500
Hesston 7140 Forage Harvester	$2,950
New Holland 718 Forage Harvester	$1,950
Gehl MF7210 Mixer Feeder	$12,600
IH 110 Forage Box on IH 335 Running Gear	$1,500
IH 120 Forage Box	$2,150
JD 714A Forage Box w/tandem running gear	$2,495
New Idea Loader	$2,500
NI 279 Cut/Ditioner	$950
Hesston 1085 Mower Conditioner 9'3"	$4,950
NI 290 Mower Conditioner 9'3"	$850
Gehl MC2140 Mower Conditioner, 7'	$4,675
NH 495 Haybine (2 Available)	$1,495
NH 489 Haybine	$5,850
NH 479 Haybine	$2,500
NH 469 Haybine	$1,975
Befco 17-H26-811 Flail Mower	$475
Befco 17-H88-811 Flail Mower	$2,899
Seko Model 750K Bale Processor, 3 Pt.	$950
Arps 7' 3 Pt. Box Scraper	$295
IH 550 Box Spreader (2 available)	$1,495
NH 680 Manure Spreader	$4,800
Gehl MS322 V-Spreader	$9,500
Martin 1257 V-Spreader	$2,375
Unverferth 28' S-Tine Harrow	$4,975
IH Four-Wheel Rake (3 Pt.)	$595
EZ Trail 1274 Running Gear (New)	$1,990
EZ Trail 1074 Running Gear (New)	$1,275

Lots of Used Equipment, Mower Conditioners, Square & Round Balers, and Tillage.
Will be listing in future, but you don't have to wait.... CALL NOW!

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- 471N - 125 HP Power Unit Rebuilt.... $6,500
- 290 HP Cummins Powerunit Rebuilt..... $10,000
- 253 - 45 HP Powerunit, Gd. Used..... $2,500
- 353N - 70 HP Eng., Gd. Used..... $1,850
- 6V53N - 195 HP, Eng. Gd., Used $3,500
- 353 - 453 - 671 - 871, Exchange Rebuilt..Call
- D2900 Allis Chalmers Eng. Rebuilt... $5,500

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Ephrata, PA
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GEHL

FALL DEMO CLEAN OUT SALE

Gehl 1470 w/Mesh Wrap, Large Tires & Crowder Wheels This has it all!
New List Over $18,000
SAVE Over $3,000

Demo Price	$14,990

w/0% Financing or Waiver to 6/1/94
Bonus for CASH $600

Gehl 860 Forage Harvester w/Metal Detector, 12.5L Tires & 6' Pickup Head

New List Price Over	$20,000
ONE ONLY PRICE	$16,600
Bonus For CASH	$650

Gehl 2170 9' Mower Conditioner w/Hydraulic Tongue and Center Skid Shoe

New List Price	$11,750
ONE ONLY PRICE	$9,876
Bonus For CASH	$1,000

Gehl 1540 Blower 540 PTO HD

List Price Over	$4,000
Haul Away Price	$3,600
Bonus For CASH	$100

Gehl MS250 285 bu. Spreader Tandem, Hydraulic Gate & Side Rails

New List Near	$8,000
TOW AWAY PRICE	$6,500
Bonus For CASH	$200

More Equipment Specials

Gehl FB1560 Forage Blower	$3,885
Gehl MF7285 Mixer Feeder	$20,603
Gehl BU970 Forage Box	$6,700
Gehl G1268 Running Gear	$2,475
Gehl MS175 Manure Spreader	$4,975
Gehl MS250 Manure Speader	$6,860
Gehl MS425 Manure Spreader	$10,900
Gehl MS312 Manure Spreader	$8,975
Gehl MS315 Manure Spreader	$11,690
Gehl MS322 Manure Spreader	$15,775
Gehl PR414 9½ ' Rake, Repo	$3,995

D.W. OGG
NOW TWO LOCATIONS

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Frederick County 301/473-4250
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WE SHIP PARTS DAILY BY UPS.
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PARTIAL LISTING

INDUSTRIAL

TRACTOR/LOADER/BACKHOES: AC 715C, 715; Case 580, 480, Kubota 4150 w/Cab
DOZERS w/ALL WAY BLADES: Fiat Allis FD7; AC 653, H3; JD 350C.
CRAWLER/LOADERS: Cat 955; Case 450; JD 350.
ARTICULATING LOADERS: Fiat Allis 745, 545, 345B; AC 840, 640.
IND. WHL. LOADERS: AC 615; MF 2135; IHC 2410B.
FORKLIFTS: AC 706, 600, D15; Pettibone 4WD B66.
SKID STEERS: Case 1845; JD 575; NH 553; Bobcat 743.
3 PT. HOES: Arps 56, 728; Kelly; Ford; Davis.
SKIDDER: JD 440B.

MISCELLANEOUS EQUIPMENT

Army GMC Cargo Truck, 6x6, 2½ Ton.
York Heavy Duty Pull Type Road Rake.
Ford Lane Paver Model A-2.
Vermeer Stump Grinder And Dynavent Bale Chopper, 3 Pt.
HYDRO LADDER APPLE PICKER. 4500 KW Generator.
TRAILERS: Int. 7 Ton; General 10 Ton Tandem Axle.
SPRAYERS: Hardy 160 Gallon; Myers 100 Gal. 3 Pth.; JD 535 Trailer Sprayer. Assorted Trailer And 3 Pth. Sprayers. BCI 300 Gal. Sprayer Tank On Trailer; Century 300 Gal. Sprayer On Trailer. Rotomist 100G Air Sprayer.
FEEDER WAGONS: Knoedler Feeder Wagon; Knoedler Dial-A-Mix Wagon; E-Z Flow 220 w/Grain Wagon; Kilbros 250 Grain Wagon; Schuler 175B.
TMR MIXER WAGON: Lucknow 285; Steiner SM165 w/Scale; Farmhand Tub Grinder; Case/IH 8610 Bale Processor; Hesston #10 Stack Hand And #10 Stack Processor; Cardinal Auger Grain Elevator; Westfield 8x51 Ft. Grain Auger; JD 30 2 Row Potato Digger; MC 3 Pth. Lawn Genie Pick Up Mower; Vail Rock Picker; Jobber Rock Windrower; Vermeer Trencher; Agri-Metal Bedding Chopper; A&W 250 Hp. Dynamometer; York Grader (Towable); 4 Wheel Pull-Type Antique Road Grader; Fransgard 3 Pt. Log Winch; Care Tree 30" Tree Spade; Vermeer Tree Spade; Used Cab For AC 190 Or 200. LARGE SUPPLY OF FRONT END LOADERS AND CABS FOR VARIOUS MAKES OF TRACTORS.
TINKERER'S ROW: AC D15; AC B; AC 175; Ferguson 20; Farmall H; Farmall 460 Diesel; JD 2020 Diesel; JD 3020 Dsl. w/PS; Haybuster No-Till Drill; AC D15 3 Pt. Cultivator & Side Dresser; Case 310C Loader w/Ripper.

NI 2R Corn Pickers N&W Row w/Husking Beds And Shellers, In Stock

PLANTING EQUIPMENT

Brillion 8' 3 Pt. Cultiseeder; Brillion 3 Pt. Sure-Stand Seeder; JD 8250 Disc Grain Drill, Like New; AC 2-4-6- Row Corn Planters; JD 2 Row 3 PTH Corn Planters; Int. 250A Trailer Corn Planter; Lilliston No-Till Seeder; Brillion 10 Ft. Cultimulcher; JD 2 Row Tool Bar Corn Planter 3 Pt.; Cole Powell Multiplex Planters.

TRACTORS

AC: 7040 Powershift, 7010 w/Cab PS, 7000, 190XT Diesel, 180 Diesel, D17, D15, D12, D10 w/Woods L159 Mower, 5020 Compact Diesel w/Woods Mower, Tiller And Mech. Mulch Layer.
JD: 4440, 4250 w/Cab 4WD, 4050 w/Cab 4WD, 2940 w/Ldr., 3010, 70 Diesel Std., 520.
FORD: 7610, 4000 w/Ldr., 3000, 2600 w/Mower, 601, 8N.
FERGUSON: 165, 85, 135 w/Ldr., 20 w/Ldr.
DEUTZ: 7085 w/Cab 2WD.
IHC: 806, 686, 140 w/Cultivator, 100 High Clearance, Super A, 504 High Clearance.
CASE: 570 w/Cab, VAC.
SAME: Saturno 80.
KUBOTA: M8950DT w/Cab Demo, M7950 2WD, B8200DT w/Ldr., B8200E w/Mower, B5100E w/Ldr.
MINN MOLINE: 3 Star w/Ldr.
OLIVER: 55 Diesel.
WHITE: 288 4WD w/Cab.

MANURE EQUIPMENT

LIQUID: Hawkbilt 3220 Gal.; Hedlund Martin 2900 Gal. And 2400 Gal.; Betterbilt 1500 Gal.; Clay Honey Wagon- Vacuum; Leftover Wic 2100 Gal. Tandem Axle Liquid Spreader- Discount Price.
Gehl 309 Side Delivery; NH 304 Side Delivery; NH 307; New Ford NH 306 Side Slinger Manure Spreader, Tandem Axle; Knight 716 Side Spreader; JD 660 Tandem; NI 218 w/Hyd. Tailgate, Top Beater, Sharp.
Several NI And NH Box Spreader, Various Sizes. BARREL SPREADERS: NH 663.

SPECIAL
JD 2940 Tractor w/Cab, Runs Good.
Call For Low Price!

HAY AND FORAGE

RAKES: NH 256 & 258 Side Rakes; JD 660 w/Dolly Wheels. NI Rakes; Fahr Four Star Centepede Tedders; New Tonutti PTO Trailer Rotary Hay Rakes, 9' Or 11'8"; New Deutz Fahr KS2.60 Dual Rotary Rake w/Hyd. Fold For Easy Transport- 19½ Ft. Working Width; Vicon 3 Pt. Tedder Rake.
NI 406 9½ Ft. w/Dolly Wheels; Hesston Discbine Reconditioned Cuts 9'6".
Hesston PT7 Mower/Conditioner.
HAYBINES: NH: 469, 472, 477, 489. HESSTON: 1070, 1071, 1090, 1014 Hyd. Swing. NEW IDEA: 270, 272 Cut/Ditioners.
ROUND BALERS: Hesston 530, Like New; JD 410, JD 330, NI 483 & 484; NH 847. SQUARE BALERS: JD 336; NH 68, 315 & 320. SQUARE BALERS w/KICKERS: NH 273, JD 336, 337.
FORAGE HARVESTORS: HESSTON: 2000-100, 7020 w/Your Choice Of Heads, 7140; NH 782 Chopper w/824, 2R Head.
LARGE SELECTION OF PICK UP AND CORN HEADS - CALL FOR YOUR NEEDS.
GRINDERS/MIXERS: Artsway 425A; Gehl 100 Hyd. Drive w/Scale; JD 700 Mixer Mill.
NI 310 Picker.
Kasten 22 Forage Wagon, Tandem Gear; Lamco Forage Wagon w/Roof, 3 Beaters.
JD 3300 Combine w/13' Grain Head.
Gleaner K Combine w/10 Ft. Grain Head.
CHOPPERS: NH 36 Flail; 718; JD 15A Flail; FORAGE BLOWERS: NI: 620, 622. GEHL 1580 Blower; NH Super 23.
10'x24' Tandem Axle Hyd. Dumping Round Bale Hauling Trailer.
WHITE TOP HARVESTOR SILO, 20x32 w/Unloader, Torn Down Ready To Load, Delivery Available.

TILLAGE EQUIPMENT

Tandem Discs: IHC: 350 Smoothing 14 Ft.; 37 Smoothing 14 Ft. WHITE: 13 Ft. BUSH HOG: 12 Ft.; 14 Ft. Plowing; 13 Ft. Smoothing. MASSEY FERGUSON: 10 Ft. Leveling; 12 Ft. Smoothing. KEWANEE: 800 Super Flex 14 Ft.; 13 Ft. Rock Flex. JD: RWA 13 Ft. Smoothing; BWA 12 Ft. Smoothing.
OFFSET PLOWING DISCS:
BUSH HOG: 12 Ft. Reconditioned; 9½ Ft. Heavy Duty. MILLER: 11 Ft. 3 Bar; 14 Ft. KEWANEE: 12 Ft. Demo. ATHENS: 11 Ft. Tandem.
PLOWS: FERGUSON: 2 Bottom 3 Pt. MH: 2 Bottom w/Depth Wheels. BUSH HOG: 8 Shank Chisel Case. IH: 9 Shank Chisel.
JD 3 PTH Chisel Plows; JD 2600 Auto Reset; IHC: On-Land Hitch 710 6X; 720 8X; 735 Variable 5X. 7-14 Shank 3 Pt. Chisel Plows.
BRILLION: 16 Ft. And 18 Ft. (Danish Tine) Spring Tooth Harrows.

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1982 MF 860 With 15 Ft. Floating Head	$22,000
1981 MF 860 With 15 Ft. Floating Head	$22,000
1980 MF 550 With 13 Ft. Floating Head	$21,000
1979 MF 550 With 13 Ft. Floating Head	$16,000
1978 MF 540 With 13 Ft. Floating Head	$11,500
NI 710 With 713 13 Ft. Grain Head	$800
NI 843 N 3 Row 30" Quick-Tach Corn Head	$1,200

USED TRACTORS

MF 3660-4, 140 HP, 814 Hrs.	$52,000
MF 3525-2, 110 HP, 2882 Hrs.	$18,500
MF 374-4 With Loader, 57 HP, 735 Hrs.	$21,000
MF 390 Tractor, 70 HP, 750 Hrs.	$16,000
MF 1085, 82 HP, 3980 Hrs.	$7,500
MF 1080, 82 HP, 5516 Hrs.	$5,000
MF 1030-2, 26 HP, 232 Hrs.	$6,700
MF 1035-2, 31 HP, 185 Hrs.	$7,600
MF 1045-2, 35 HP, 262 Hrs.	$7,900
MF 30E With Loader, 668 Hrs.	$19,500
MF 265, 65 HP, Diesel	$9,000
MF 275, 68 HP, Diesel, 1400 Hrs.	$8,500
IH 350 Tractor, 42 HP, Rebuilt	$2,900
Ford 9N Tractor	$1,500
Allis CA Tractor	$1,200

HAY EQUIPMENT

New Idea 483 Round Baler, 1 Yr. Old	$6,900
MF 128 Baler	$2,200
Demo Vicon 1511E 5x6 Round Baler	$9,900
Demo MF 5 Big Square Baler	$36,000
Used Vicon 1211 E 4x5 Round Baler	$6,500
Demo Vicon 321 Disc Mower Conditioner	$12,500
Demo Vicon 216 7 Ft. Disc Mower	$3,900
Vicon KM240 Discbine, Parts	$900
Lucknow Tub Grinder	$5,900
Teagle Bale Shredder	$1,900
Vicon RS740 Tedder 24 Ft.	$4,500
Vicon KM281 Mower Conditioner	
Vicon 321 Mower Conditioner	
New Holland #848 Round Baler	

PLOWS & TILLAGE

JD 10 Ft. Disc	$800
M&W 5 Tooth V-Ripper	$5,700
Vicon 18 Ft. Field Cultivator	$6,900
MF 2-16 Spring Trip 3 Pt. Plow	$650
Yetter 3 Pt. Rotary Hoe	$2,695
Buffalo 6 Row Cultivator-Ridge-Till, Like New	$7,900
Pequea 6 Row Cultivator	$2,100

MANURE & FEED MIXER EQUIPMENT

SFM Liquid Spreader, 1100 Gal.	$3,900
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Hinicker Brady 12 Ft. 1000 RPM Shredder	$5,500
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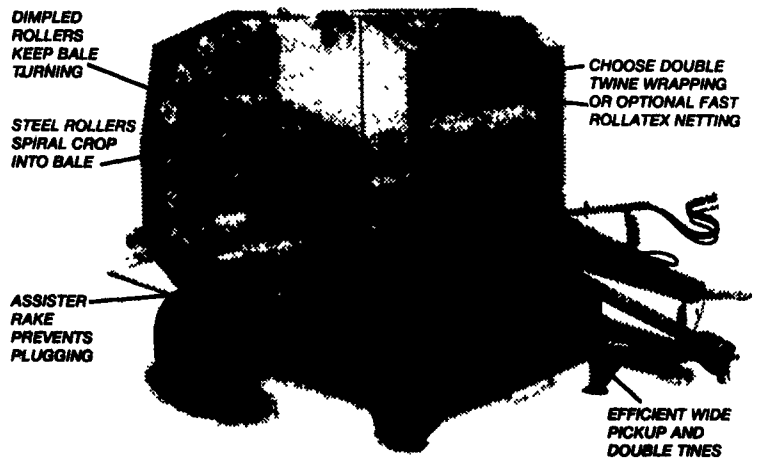
Low Cost 7 Ft. 3 Pt. Blade	$305
Brady 7 Ft. Flail Chopper	$2,500
Danuser 3 Pt. Post Hole Digger	$650
Shaver 3 Pt. Hydraulic Post Drive	$2,500
Brady 12 Ft. Flail Shredder	$5,500

Owners say:

"Tight bales, fast, no trouble"


DIMPLED ROLLERS KEEP BALE TURNING
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ASSISTER RAKE PREVENTS PLUGGING
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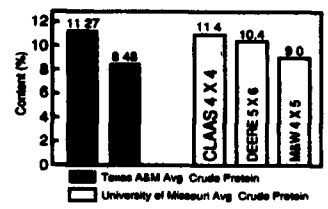
Discover CLAAS
THE HARVESTING SPECIALIST

MYTH NO.2

"Variable chamber balers produce higher nutrient bales."

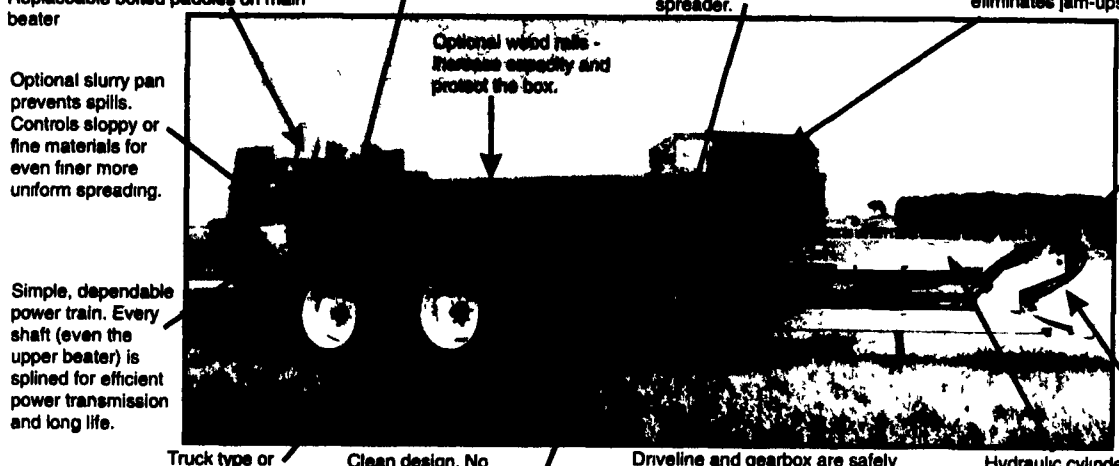
FACT: No other round baler on the market preserves original nutrient value like a Claas fixed chamber baler. Independent university tests prove the crude protein value in weathered bales made from a Claas baler exceeds the leading variable chamber baler tested by an average of 20%.

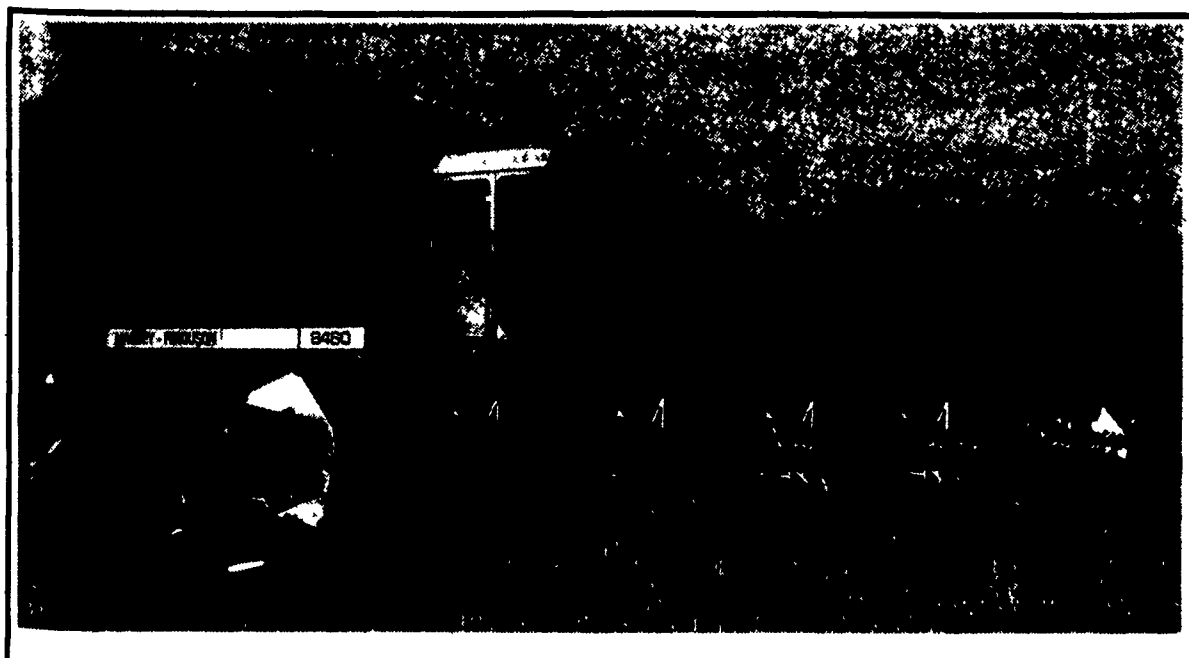
Fact is, the higher the nutrient value at feeding time, the more weight gain or milk production you receive. And you get this from less bales.



HYDRA-SPREAD

HYDRAULIC PUSH-OFF MANURE SPREADER


Single or two beater designs. Aggressive, high-speed beaters - with up to 15 paddles per beater - deliver a fine uniform spread. Replaceable bolted paddles on main beater
Snug-fitting end-gate controls sloppy or granular manure.
Polyethylene sides and bottom containing 90% re-cycled material. Guaranteed for the life of the spreader.
Simple and reliable single-stage push gate for dependable, trouble-free unloading. Centre-guided design eliminates jam-ups.
Optional wood rails - increase capacity and protect the box.
Optional slurry pan prevents spills. Controls sloppy or fine materials for even finer more uniform spreading.
Precision metering valve for infinitely variable unloading from 0 - 8 fpm
Simple, dependable power train. Every shaft (even the upper beater) is splined for efficient power transmission and long life.
Fully shielded PTO with overload protection
Truck type or flotation tires to suit your needs.
Clean design. No obstructions to hold manure.
Driveline and gearbox are safely contained within the frame - under the floor. Easily serviced and repaired
Hydraulic cylinders are installed above the floor. Always accessible - always easy to clean and service.
Strong, all-welded frame with heavy structural tubes. All structural members are high-strength steel



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28 NEW MF 8400 Series Conventional Combines features

The revolutionary Perkins Quandram engine delivers more power, more torque, better efficiency, less noise and less engine stress. The cab, instrument panel and working lights all feature major improvements. And that's just the start. We're also offering new services, better deals and low-rate MF financing. Stop in today to check out all the reasons why a Massey Ferguson combine is your best choice ever.

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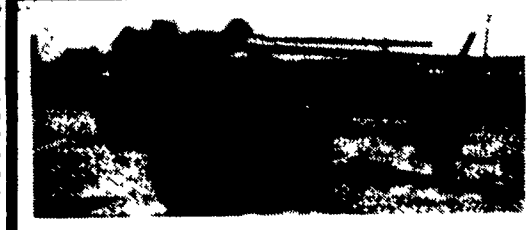
15 KW Onan With Trailer and PTO Shaft $1099
18 KW Winco With Trailer and PTO Shaft $1199
20 KW Winco and PTO Shaft $1199
20 KW Winpower with Trailer and PTO Shaft $1399
25 KW Winpower with Trailer $1599
40 KW Generac With Trailer and PTO Shaft $2699
New Generators Are Also In Stock



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Portable & Stationary

IH 1066 TRACTOR, Cab & Air, 20.4x38 Tires, Engine Rebuilt
$9,800

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Case 730 — Ford/Ford 384
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4801 S. 5TH ST., EMMAUS, PA 18049 215-965-5203

QUALITY TRACTORS

Case IH 7120 Magnum MFD, Cab, Air, 18.4x38 Axle Duals, 3 Remotes, Front Weights, 1875 Hrs., Excellent
Case IH 5130 Dsl., Cab Air, 4x4, Power Shift, w/ Creeper, 1000 Hours, Excellent Condition, Triple Hyd.
Case IH 895 Diesel, MFD, 1100 Hrs. w/2255 Loader, Excel. Condition
JD 2555 Diesel, Cab, Air, MFD, 1850 Hrs., Excel. Cond.
JD 2155 Diesel, Indpt., PTO, Excel. Cond.
JD 2950 Dsl., Cab, Air, 2200 Hours, Very Nice
JD 2950 Diesel, MFD, Open Station, 2680 Hrs., 18x38, Very Nice
JD 2940 Dsl., 4x4 w/260 Loader
JD 4440 Diesel, Cab, Air, Quad, 38" Rubber, Very Nice
JD 4440 Diesel, Cab, Air Quad, Triple Remotes 20" Rubber
1976 JD 4430 Diesel, Cab, Air, Power Shift, 3600 Hrs., Very Nice
1976 JD 4230 Diesel, Cab, Air, Quad
JD 630 Tricycle w/3 Pt., Dual Hyd., Very Good
Case 2090 Diesel, Cab, Air
IH 3688 Diesel, Cab, Air, 1600 Hrs., Very Nice
1980 IH 1486 Diesel, Cab, Air, Triple Remotes, Dual PTO
1977 IH 1086 Diesel, Cab, Air, 1 Owner
1975 IH 1066 Diesel, Cab, Air, Dual Hyd. & PTO, Very Good
IH 966 Diesel w/Year-A-Round Cab, Dual PTO And Hydraulic
IH 766 Diesel, Year-A-Round Cab, 3700 Hrs.
IH 684 Diesel, 2000 Hrs., Very Good
MF 135 Gas

PLOWS

IH 735 5 Bottom Variable Spring Reset
IH 720 6x18 (SOLD) d Spring Reset
IH 720 4x18 Spring Reset
IH 710 5x18 SR On Land
IH 710 4-5-6x16 Spring Reset
IH 55 High Clearance, 13T Chisel Plow
JD 2500 6x18 Spring Reset, Excellent
JD 3x14, 3 Pt.

CORN PICKERS

JD 300 Husker, 2 Or 3 Row Head
NI 324 2RW 12 Roll Bed, Late Model
NI 325 2RN, 12 Roll Bed, Late Model
NI 325 2RN w/8 Roll Bed

HARVESTERS

Gehl 1260 Harvester, Elec. Controls, 2R Corn & Pick Up Head
JD 5200 Self-Propelled Harvester, Cab Air, 2500 Hrs., Choice Of Heads
JD 2RN Forage Head w/Slip Clutch
JD 2RW Forage Head w/Slip Clutch
JD 3RN Row Crop Head, w/Row Trak
JD 3RW Row Crop Head
JD 7' Pick-Up Head w/Gauge Wheels
JD 6' Direct Cut Head, Like New
JD 16A Flail Chopper

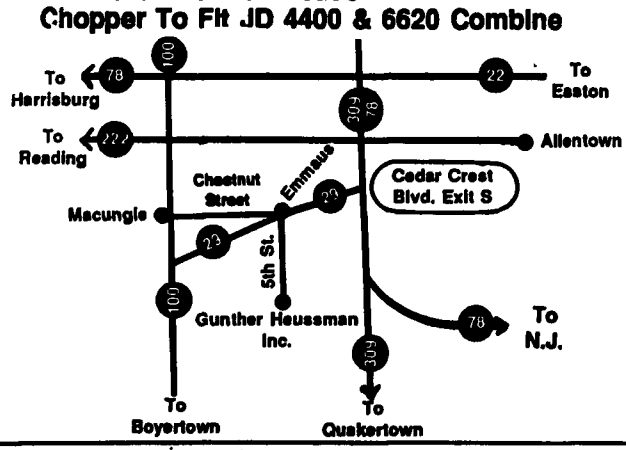
Delivery & Financing Available

HAY EQUIPMENT

NH 316 Baler w/70 Thrower, Excel. Cond.
NH 315 Baler w/¼ Turn Chute, Very Nice
NH 489 9' Haybine, Stub Guards, Excel. Cond.
JD 347 Wire, Hyd. Tension, Multi Lube, Very Good
JD 327 w/30 Ejector, Excellent Condition
Ford NH 488 Haybine, Stub Guards, Like New
JD 1219 Mower Conditioner Stub Guards, Very Good Condition
NH 315 Baler, w/70 Thrower, Excel. Cond.
NH 846 Round Baler
NH 847 Auto Wrap Round Baler
NH 851 Round Baler, Hyd. Tie
NH 855 Round Baler, Hyd. Tie
New Farmco 18' Steel Side Hay Wagons
Gehl 920 16' Self Unloading Wagon, Tandem Axle, 3 Beater w/Roof
NH 1037 Stack Wagon, Tandem Axle, 105 Bale Capacity
NH 1033 Stack Wagon, Very Nice
NH 1012 Stack Wagon, 56 Bale Cap., Single Bale Unload
NH 1002 Bale Wagon, 56 Bale Capacity, Excel. Cond.
NH 162 4 Star Tedder
Deutz Fahr 4 Star Tedder
Windrow Attachment For JD 1219 MC

QUALITY COMBINES
(Displayed Inside Building)

1986 JD 6620 Diesel, Titan II, Cab, Air, Hydro, Choice Of Heads, Very Nice
1981 JD 6620 Diesel, Cab, Air, Hydro, Choice Of Heads, Very Good
1988 Case IH 1620 Diesel, 1200 Hrs., Cab, Air Hydro, Excel. Cond.
1982 IH 1460 Diesel, Cab, Air, Hydro, One Owner, Excellent Condition
1979 JD 4400 Diesel, Cab, Air, Automatic Header Heights, 23" Rubber, Good Condition
1980 Gleaner F2 Diesel, Cab, Air, Grain Saver, 23" Rubber, Local Trade
1977 Gleaner F2 Diesel, Cab, Air, Very Good
1976 JD 3300 Diesel, Cab, Air 875 Hrs., Very Nice
JD 3300 Gas, Cab, Air, Choice Of Heads
1985 MF 550 Diesel, Cab, Air, Very Nice
1981 MF 540 Diesel, Cab, Air, 900 Hrs., Very Nice, Choice Of Heads
IH 820 15 Flex Heads
JD 13' Rigid Head, Very Nice
JD 215 & 213 Flex Heads
Chopper To Fit JD 4400 & 6620 Combine



CORN HEADS

JD 244 2RW
JD 343, 3RN
JD 443, 4RN
JD 444, 4RW
JD 643 High Tin
AC 430, 4RN
AC Black 330, 3RN
AC KF 330 3RN
AC A438 Black, 4RW For F2
IH 1044 4RW
IH 843 4RN Corn Head, Excellent
IH 863 6RN
MF 1163 6RN
MF 1163 6RN Used 200 Acres
MF 43 4RN

TILLAGE

Brillion 23' Hydraulic Fold Packer, Very Good
Brillion 13½' Roller Harrow, Dual Wheels, Very Good
Brillion 16' End Transport Cultipacker
JD 12 Or 15 Ft. Pull Type Field Cultivator
JD 635 14' Rock Flex Disc, Like New
JD 230 Hyd. Wingfold Disc
JD 950 12' Roller Harrow
Krause 10' Off Set Disc
Athens 10' Heavy Duty Rock Flex Disc

MISCELLANEOUS EQUIPMENT

Brillion 12' Stalk Shredder
Brillion 15' Stalk Shredder
IH 40 Stalk Shredder, Excel. Cond.
Gehl 135 Grinder Mixer w/Scales, Bale Feeder & Small Grain Auger, Used 1 Season
JD 148 Loader To Fit 2840 Thru 2955
JD 260 Loader, Very Good
JD 400 15' Rotary Hoe, Very Good
18x38-18x34-16x28 Duals
JD 4 & 6 Row 3 Pt. Cultivators
JD 875 6R No-Till Cultivator
Woods 60" 3 Pt. Finish Mower
Wic Bale Shredder w/5 HP Elect. Motor, Very Nice

PLANTING EQUIPMENT

JD 7000 6RN, Dry Fert., Insecticide, Excellent Condition
JD 7000 6RN Liquid Fertilizer, Insecticide, Monitor, Excel. Cond.
JD 7000 4R Dry Fertilizer, Insecticide, Good Condition

WINTER SPECIALS

IH 735 6 Base S.R. Variable Width Plow $3,000
JD 2800 6 Base, S.R. Variable Width Plow $3,000
JD 7000 6R Liquid, Frame Mounted Coulters $5,000
JD 213 Flex Platform $2,950
IH 8450 Wire Tie Baler $1,850
JD 3950 Harvester, Elec. Controls $8,400
NH 479 Haybine, 9' $1,200
JD 1209 MC, 9' ..... $ 975
Gehl 920 Self-Unload Wagon $2,200
Gleaner F Diesel w/Cab, 4R Corn Head $3,500
JD 300 Corn Picker, Base Unit $2,650
JD 950 12' Roller Harrow $1,200

WE ARE CASH BUYERS FOR CLEAN, LATE MODEL FARM EQUIPMENT

STITZEL FARM EQUIPMENT, INC.

East Windsor St. & Krick Lane Hamburg, PA 19526

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HARD TO FIND EQUIPMENT
Richardton SF16 Dump Station, Like New
NH 396 Tub Grinder
Farmhand XG30 Tub Grinder

COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines; Good Selection Of 4WD Combines.
JD 9500 4WD, 530 Hours, Like New.
JD 7720 4WD w/216 Flex & 643 Cornhead.
1982 JD 6620 Side Hill w/Full Equip.
1981 JD 6620 Side Hill Combine.
JD 6620 4WD w/215 Flex And 643 Corn Head.
JD 6620 LL, 1 Owner, Full Equipment, $20,000.
(77) JD 7700, C.A.
(75) 6600 D. Rotary Screen.
JD 6600 Gas w/443 Cornhead, As Is.
JD (77) 4400 D., C.A.
1977 JD 4400, Nice.
JD 4400D, CA Rotary Screen.
JD 4400D, CA, Real Nice.
JD 4400 Gas, 13' Grain.
JD 4425 w/Fire Damaged Cab
IH 1460, C.A., Hydro, 4WD w/820 Flex & 863 Corn Head.
IH 1420, 4WD w/843 CH.
MF 850 C.A., Turbo, Hydro., w/17' Flex And 6R Cornhead.
MF (78) 760 C.A., V-8, Hydro., 4 WD, w/2 Heads.
MF 750 Gray Cab w/Flex Grain & 1163 Corn Head, Nice.
MF 750 Gray Cab Hydro, Real Nice.
MF 1163 Corn Head, 2 Years Old.
MF (76) 750 Cab, Air, Hydro
MF 540 C.A.
MF 410D w/Cab.
IH 915, Turbo Hydro, 4WD, w/810 Grain.
(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.
IH (77) 715 D. C.A. w/810 Grain & 844 Corn Heads; IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C.A. Hydro w/Cat Dsl.
IH 82 Pull Combine, Real Nice
White 8600 Hydro w/704W Cornhead.
White 7800 Gas w/13' Grain, 4RN Corn, Only Used 530 Acres.
N.H. TR70 C.A. Hydro.
Gleaner M2 Hydro w/316 Flex & A630 Corn Head.
Gleaner N-5 w/15' Flex & 630 Corn (Needs Work)
Gleaner F Dsl.
Gleaner F Gas w/13' & 430 Corn.
NI 702 D. w/727 bed & 3R C.H.; NI 702 Uni w/727 And 735 Corn Head; 767 Super Chopper; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House; NI Uni 838 Husking Unit w/841 Feeder House.

CORNHEADS: JD 643 Oil Bath, Like New; JD 643 Oil Bath, 643 LP, 643, 444 Oil Bath, 444 LP, 444, 443 Oil Bath, 443 LP, 444, 443, 343, 244, 243; 205 (40) 234, 435; JD 453, 454 Row Crop Head.
I.H. 983; 963; 943; 863; 844; 843; 833; 763; 744; 743; 327; 227.
Gleaner A638 Corn Head; A.C. GL 440, C440, A438 Black, F2, M430, F335.
M.F. 1183, 1163, 1144, 1143, 83, 63, 44, 43, 24.
N.I. 738, 743, 744W, 730, 725, 723, 762, 763; Ford 4-30"; Case (404).
NH 974 W6; NH 962 N3; NH 962 6RN; NH 924, 4RW; White 704W; White 706N; Oliver White 4N; White 703.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid, 216 Rigid.
820 15' & 16½' Flex.
I.H. 810-13' Thru 17.5' w/ Reg. or Floating.
M.F. 10'-20' Reg. or Floating Bar; MF 9118 Flex; A.C. E10'.
N.I. 713 Flex Or Rigid; NI 715 S Flex.

TRACTORS: Good Selection Of 4WD Tractors.
JD 1991 4955 C.A.P.S., MFWD, Like New; JD 4755 C.A.P.S., MFWD; JD 2955 ROPS; JD 2955; JD 8850 4WD, C.A., 3 Pt., PTO., Fully Equipped; JD 4850 C.A.P.S., MFWD, And Duals; JD 4450 C.A.P.S., MFWD, 1 Owner, Real Nice; JD 4450, C.A.P.S., MFWD, Real Nice; JD 4450, C.A.P.S., MFWD, Duals; JD 4450, C.A.P.S., MFWD; JD 4450 C.A.P.S., Real Nice; JD 4050 C.A.P.S., MFWD, 1600 Hours; JD 4050, ROPS, QR; 2950 CA MFWD, Real Nice; JD 8640 C.A., 3 Pt., PTO w/ Duals; JD 8440 C.A., 4WD; JD 4840 C.A.P.S., Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4840 C.A.P.S., w/Duals; JD 4640 C.A.P.S., 18x42 Duals; JD 4640 C.A., QR, Duals; JD 4640 C.A.Q.R.; 4640 C.A.P.S.; 1982 JD 4440 C.A.P.S., 20.8x38 Radials; 1980 JD 4440 C.A.Q.R., Excellent; 1981 JD 4440 C.A.P.S.; JD 4440 C.A.P.S., FWA; JD 4440 C.A.P.S., 4WD; JD 4440 C.A.Q.R.; JD 4440 C.A.Q.R.; JD 4440 R.O.P.S., QR; 1982 JD 4240 C.A.Q.R., Real Nice; (82) JD 4240 C.A.Q.R.; (81) JD 4240 C.A.Q.R.; JD 4240 C.A.Q.R., Nice; JD 4240 C.A.Q.R.; JD 4240 C.A. w/Creeper Trans; JD 4040 C.A.P.S., Nice; JD 4040 Fender, Power Shift; JD 2940 MFWD w/260 Loader; JD 2940 MFWD w/Ansel Cab; JD 2940 MFWD; JD 2940; JD 2840; JD 2640 w/146 Loader; JD 2640; JD 8630 C.A., 4WD w/Duals; JD 6030 Cab Duals; JD 4630 C.A.Q.R.; 4630 SR w/Cab & Air; JD 4630 Fender, Syncro Range; JD 4430 C.A.Q.R., Good Condition; 4430 C.A.Q.R.; JD 4230 CA, Syncro Range, Nice; JD 4230 C.A.Q.R., As Is; JD 423(SOLD)QR (As Is); 4430 ROPS, Syncro Range; JD 5020 (Needs Motor Work); JD 4520 ROPS, PS; JD 4320; JD (6) 4020's 1964-1972; 19(SOLD)20 PS w/ROPS; 1972 JD 4020 w/Turbo, Real Nice; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; 4020 S.C., W.F.E.; 4020 PS w/Cab; 4020 S.C., W.F.E.; JD 4020 Dif. Lock, 2 Hydraulics; JD 4020 Tricycle Dsl., Side Console, Nice; JD 4020 w/158 Loader; JD 4020 w/ Cab, Real Good; JD 4020 Power Shift; 1972 JD 4000 w/Cab; JD 3020 D, WF, PS, ROPS w/148 Loader; JD 3020 D, WFE, Power Shift; JD 3020 D, WFE; JD 3020 (As Is); JD 3020 G.; JD 4010 WFE, Nice; JD 4010 D WFE; (2) JD 3010 D WF; JD D 2510 Tricycle, Gas; 2010 Gas; JD 730D, 3 Pt.; JD 630; JD 720 Gas w/3 Pt.; JD 620 WFE & 3 Pt.; JD 520 w/3 Pt..
IH 5488, C.A., MFWD, 20.8x38 Duals; IH 5488 w/Duals; IH 5488, C.A., Duals; IH 5288 C.A., w/20.8-38 Duals; IH 5088, C.A., 2 PTO's, 3 Hyd.; IH 5088 C.A.; 3588 4WD, CA, 2 PTO, 4 Hyd.; IH 3588 2+2, C.A.; IH 3388 2+2; IH 3488 C.A., Hydro, Original; IH 4786 C.A. 4WD; IH 1586 C.A.; IH 1586 C.A. (Needs Trans. Work); IH 1486 C.A. Duals; IH 1486 C.A. Duals; IH 1486 CA; 1486 C.A. (As Is); 1086 C.A. 20.8x38 Duals, Real Good; IH 1086 C.A.; IH 986 ROPS, Nice; IH 986 ROPS; IH 886 ROPS, Original; 886 w/R.G.; IH 886 ROPS w/2350 Loader; F786; F686 Original; Farmall 86 Hydro; IH 4166 C.A., 4WD w/3 Pt., Nice; IH 4166 w/3 Pt. & PTO, As Is; IH 1466, C.A., 18.4x38 Duals; IH 1066 Black Stripe, ROPS, Original; 1066, Real Nice; 1066 Hydro w/2450 Loader; F 1066 Fender, Original; IH 1066 (Needs TA); 1566 w/Cab; 1466 Fender; IH 966 Year Round Cab w/Air; IH 966; IH 966D, WFE, TA, 2 Hyds.; 966 Fender; F766 w/ Factory Cab; 766 Fender Dif-Lock, New Tires; 70 Hydro Dsl.; IH 784 MFWD; IH 544D WF, Hydro; F826 (As Is); IH 806D, Real Good; IH MFWD, ROPS w/2255 Loader, Like New; Case 2294, C.A.P.S.; Case 4890 4WD Full Equipment; Case 2590, C.A.P.S., 20.8x42; Case 2390 C.A.P.S., Duals; Case 2290 C.A.P.S., Nice; Case 2290 C.A.P.S.; Case 2290, C.A.P.S.; Case 2090 C.A.P.S., MFWD w/#90 Loader; Case 2090 C.A.P.S.; Case 1690 C.A., MFWD; Case 1690 C.A., As Is; Case 1370 C.A.P.S.; Case 1370 C.A.P.S. (As Is); Case 1070 C.A.P.S. (As Is); Case 970.
MF 3545, C.A., MFWD; MF 2805 C.A., 24 Speed, w/ Duals; MF 2705 C.A., 24SP.; MF 2705, C.A., 8SP.; MF 2705, C.A.P.S.; MF 2675 C.A. 24-Speed; MF 1800 C.A., 4WD w/3 Pt.; MF 1100 Gas w/246 Loader; MF 1085; Ferguson 35, Nice.
Ford 8830 C.A.P.S., MFWD; Ford 1988 TW35 Series II CA, MFWD w/Duals; Ford TW15 Series II CA; Ford TW10, ROPS, Dual Power; Ford 7700 CA Dual Power; Ford 7700 w/Roll Guard, Dual Power And Load Monitor; 4000D SOS; Ford 3000D, Real Nice.
Versatile 500 4WD, Full Equip.

806D; IH 806D, WF, 3 Pt.; IH 1206; F 706 Gas w/ Cab; IH 706 Gas (As Is); F 706D (As Is); 656D WF; IH 504 Utility Dsl.; F560 Gas, Nice; Farmall 560 Tricycle Gas; F 560D, WFE; Farmall 460G, Original; Super M; H, Real Nice; IH Super AV w/ Cultivator.
AC 8070 C.A.P.S. MFWD; AC 7080 C.A.; AC 7040 C.A.; AC 6080 CA, MFWD; AC 6080 MFWD ROPS w/ Loader; AC 6080 MFWD (Needs Rear End Work); AC 5040; AC 200 D original; AC 185D, WFE.
Deutz Fahr DX 830 C.A.P.S., MFWD; Deutz DX140, CA, real nice.
CASE IH.
Case IH 9270 CA 4WD w/ Duals; Case IH 9170 CA 4WD w/Duals; Case IH 7140 MFWD, 600 Hours; Case 7130 MFWD, 20.8x42, Duals, Like New; Case IH 7130, 20.8x42 Duals, 680 Hours, Like New; 1991 Case IH 7120 CA MFWD w/18.4x42 Duals, 900 Hours; Case IH 7120 MFWD, Real Nice; Case 1896 C.A.P.S., MFWD w/96 Loader; Case IH 1896 ROPS, As Is; Case IH 485 White 2-155 C.A., MFWD; White 2-155 C.A., Nice; 1981 White 2-135 Red Stripe, C.A., MFWD; WHITE 2-135, C.A.; White 2-105 w/Cab MFWD; White 2-105 C.A.; White 2-85 MFWD.
Oliver 1850 D, Nice; Oliver 1750 D, Real Nice w/New Case IH 2350 Loader; Oliver 2050.
Steiger Bearcat 2 w/Duals & 3 Pt.
Belarus 560 w/Cab, 200 Hours.

Tractors & Equip. Just Traded:
IH 806 D, WF 3 Pt.; JD 662 Rake, Hyd. Drive w/Dolly Wheel; JD 660 w/Dolly Wheel; JD 2940 w/148 Loader; Farmall Cub w/ Sickle Mower, Real Nice; Cub 154 Lo-Boy; Cadet 782D, Real Nice; Case IH 8540 Baler w/Thrower, Like New; JD 444 LP Corn Head; Ford TW25 Series II, CA, MFWD; IH 100 Hydro w/Cab; Gehl 2350 Discbine; JD 4010, Rough; NH 352 Grinder Mixer; NH Super 717 w/722 Corn Head, Real Nice; Miller Hyd. Fold Offset Disc; JD 630, Incomplete; JD A; JD 4955 CAPS, MFWD; IH 460 Gas; NH 36 Flail Chopper; JD 40' Elevator; McConnell 450 2R Potato Harvester; 8R Hyd. Fold Cultivator; IH 30' Hyd. Fold rotary Hoe; Brillion Fold Spike Harrow; D14 Tricycle, PS; Gleaner F-2 Gas; Gleaner F Gas; Bush Hog SC900 Soil Finisher.

CORNPICKERS: (4) NI 325 w/12 Roll Husking Bed, Real Nice; NI 325 w/12 Roll Bed, Like New; NI 325 w/8 Roll Bed, Real Nice; (4) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; New Idea 325 Picker w/12 Roll Bed & Super Sheller, Real Nice; NI 325 w/12 Roll Bed, Good Cond.; NI 325 w/8 Roll Bed; (4) (Used) 324-2RW w/12 Roll Huskers; NI 324 w/12 Roll Bed, Like New; NI 324 w/Sheller; Shellers & Super Shellers; NI 323 Nice; NI 323; NI 323 Picker; NI 330 3R Picker w/12 Roll Bed.
New N.I. 329 Super Sheller List $6700.00, Special $3,550; N.I. 330 - 3 RN w/ Supershellers.

PICKER: NI 319 2 Row Mounted Picker w/12 Roll Bed; NI 305 Mounted Picker w/12 Roll Bed.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.
JD 5720 C.A. 4WD w/3R & 7' Hay Pickup, Real Nice; JD 5460 C.A. Hydro 4WD w/4R CH & 7' Pickup; JD 5440 C.A. 4WD; JD 5400 C.A. 4WD w/3R Corn Head & 7' Pickup, Real Nice; JD 5200 4WD; JD 3970 w/Spout Trak & Row Trak w/3R & Hay Pickup; JD 3970 w/7' Pickup; JD 3960 w/2 Heads, Full Equip.; JD 3940 w/2 Heads; JD 3800 w/2 Heads; JD 3940; JD 3940 w/2 Heads; JD 3800 Chopper, Hay Pick-Up; JD 3960 w/3R Cornhead; JD 38 w/2RN & Hay P/U.
NH 1890 4WD w/3 Row Auger Base & Hay P.U.; FNH 900, Real Nice; NH 900 Tandem Axle w/Metal Alert II w/824 Corn Head & 900W Pickup; NH 900 Chopper; NH 782, Nice; IH 720 w/2R And Pickup; IH 830 Chopper w/2R & Hay Pickup; IH 830 w/3R Cornhead.
NI 709 C.A., Hydro, 4WD w/767 Chopper, 768 3R CH & Hay Pickup.
Fox Super D w/Cab 3R C.H. & P.U.
Gehl 700 w/3 Heads, Real Nice.
Gehl 600 w/2R & Hay Pickup.
Gehl CB 1200 Chopper.
Balzer 1014 Hydraulic Dump Station.

FORAGE HEADS: NH 939 6R Auger Base Silage Head; NH 890A Auger Base w/890 N3 Corn Head; NH 890 Auger Base w/3R CH; NH 3RW Auger Base Head; NH 824 Corn Head, NH 722 1R Corn Head, Like New; NH 880 N2 Corn Head; NH 890 EN2 Snapper Head; NH 890 EN2 Snapper Head; NH 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper; 770-1R Snapper; NH 890 w/2 or 3R C H; NH 890 2R Snapper Head; NH 890 Direct Cut Head; 1R & 2R Silage; NH 880W PU; NH 880 S Direct Cut.
JD 483 4RN Stalker Head, JD 4R Converging Silage Head; J.D. 2 & 3R Snapper; 2 & 3 R Silage, JD 3RW Silage Head; Used 5½' and 7' Hay Pickups; JD 443 w/Adapter Plate; JD 443 Low Profile Corn Head w/Adapter Plate For Harvester; JD 343 Cornhead w/ Adapter Plate; JD 243 C.H w/ adapter plate, 3 JD C H. harvester adapter plates, JD 6' Direct Cut Head.
White 703N Cornhead w/Adapter Plate For Fox Chopper.
NI 766 Hay PU; Gehl 2RN Corn Head.
NI 768 WN 3R Corn Head; NI 763 3R Corn Head.
2 CSB 2RW - Snapper, 263-2 RW, 109 Hay Pickup

BLOWERS: Wetmore Grinder Blower; Harvestore Grinder Blower; Gehl 1580, NH 30; NH 25; Farmhand Burr Mill Blower.

FLAIL CHOPPERS: NH 38; JD 16A; IH #10; IH #8; NI 4R Stalk Shredder; IH 4R Shredder, Lundell 4R Stalk Shredder.

SILAGE WAGONS: JD 716A Tandem w/Roof; JD 716A Tandem; (2) JD 716A Wagons, Tandem w/Roofs; Gehl 970 SOLD agon, Real Nice; Hesston Tandem Forage Wagon; GT Side Dump Wagon; Richardton SF16 Dump Station, 1 Year Old; Balzer 1016 Dump Station.

HAY EQ.: BALERS: Deutz Allis HD 490 Baler w/Thrower, Like New; JD 347 w/Thrower; JD 347 w/ Thrower (As Is); JD 337, w/40 Thrower; JD 337 w/#40 Ejector; JD 337 w/Thrower; JD 337 w/ Thrower; JD 327 Baler w/ Thrower; JD 327 Baler w/ Thrower; JD 346 w/Thrower; JD 336 w/Thrower, Real Nice.
FNH 326 w/70 Thrower; NH 326 w/75 Ejector; Ford NH 326 Baler, 3 Yrs. Old; NH 316 w/870 Thrower, Nice; NH 425 Wire Tie Baler; NH 320 Baler w/70 Thrower; NH 320 Baler w/70 Thrower; NH 316 w/#75 Thrower, Real Nice; NH 315 w/70 Thrower; NH 315 w/ Thrower; NH #75 Ejector; IH 425 w/#15 Thrower.

ROUND BALERS: NH 853 w/Memory Wrap; JD 430; NH 849 w/Auto Wrap; NH 849 Hyd. Cut-Off; NH 848, Hyd. Cut Off, Like New; NH 851; NH 851 Rd.; NH 847 Auto-Wrap; NH 847 w/Auto Wrap; NH 846 Auto-Wrap; Gehl 1850; Gehl 1400; Vermeer 504G; Hesston 5440.

RAKES:
JD 660; NH 56; Deutz Fahr KH 700 6 Star Tedder; M&W RV 300 Tedder Rake, 3 Pt., 2 Star; Pequea 710 Tedder; NH Double Rake Hitch.
FNH 144 Hay Inverter.

HAYBINES: Ford NH 1496 C.A. Hydro w/New Rolls; NH 1495 Gas w/ Cab; NH 499 Hydro Swing; NH 489 Haybine, Nice; 489; NH 488, NH 478, Nice; 478; NH 477; NH 472; JD 1327 Discbine; JD 1219, Nice; JD 1219; JD Haybine Windrow Inverter; Case IH 8350 12', Like New; Case IH 8350 12'; IH 1490 12' Center Pole Hydrowing; Gehl 2350 Discbine; Deutz Allis SM70 Discbine.
New MC 7E; NI 270 Cutditioner.

BALE WAGONS: NH 1005 and 1010; NH 1012; NH 1030; NH 1033; NH 1002; NH 1034.

PLANTERS: JD 7200 12R Front Fold w/Liquid Fert., Fully Equipped, 3 Years Old; JD 7000 8 Row Planter w/Dry Fert.; JD 7000 6R Cons., Dry Fert.; JD 7000 6R Corn Planter, Dry Fert.; JD 7000 6R Conservation; JD 7000 6R Liquid; JD 7000 6R Planter; JD 7100 6R Planter, 3 Pt.; JD 7000, 6RW Plate Planter; (2) JD 7000 4R Conservation; JD 7000 4RN, Fully Equipped, Real Nice; 7000-4R Dry & Liquid; JD 7000 4R Liquid; IH 800 6R Liquid; IH 800 6R Planter; IH 800 4R Liquid No-Till; IH 800 4R; Hiniker 4R Econotill, No-Till, w/Kinze Units.

DRILLS: Lilliston 9690 10' No-Till, Tye 12' No-Till Drill; Crustbuster 12' 3 Pt. No-Till Drill; JD 8300, 24x6; JD 8300 23x7 w/Press Wheels; JD 8300 21x7 DD; JD 8300 Drill, 21x7 DD; JD 1500 3 Pt. Power Drill; Tye 24x6 Drill; IH 5100 21x7 w/Press Wheels, Like New; IH 5100 21x7 DD w/Press Wheels; IH 5100 24x6 Single Disc w/ Grass Seed, Like New; IH 5100 18x7 DD w/Grass Seed & Press Wheels; IH 5100 18x7 DD w/ Grass Seed, IH 510 21x7; 510 24x6 Double Disc; (New) Brillion 10' Transport Seeder; Brillion 10' Seeder w/Transport; Brillion 10' Transport Seeder.

GRINDERS/MIXERS: New NH 355; Case IH 1350; Gehl 95; JD 750, Brady 950 Hyd Drive; Papec 880, NH 396 Tandem Axle Tub Grinder; Farmhand XG30 Tub Grinder.

TILLAGE EQ.: Ferguson 2X Disc Plow; JD 3X 16"; Ford 3X Spring Reset; JD 845 4X Roll-Over; JD 1250 4X Plow; JD 2600 4X; JD 145 4X Plow; JD 2600 4X Trip Plow; JD 2600 5X Reset; JD 2500 5X Reset; IH 710 5X; IH 720 5X Reset; White 549 5x18" Plow, JD 2500 5 & 6X Spring Reset, JD 6X Hyd. Reset Plow w/Accumulator, IH 700 6X Auto Reset; IH 710 6X 18" Spring Reset; IH 710 6X 18" On-Land Hitch; IH 720 6x18 Plow; IH 720 6X Reset Plow, White 588 6X 20" Spring Reset, IH 720 6x16 Spring Reset On-Land, JD 2700 6X Plow; JD 2600, 6X, On-Land; JD 2600 6X On-Land, Case 400, 6x18 Spring Reset On-Land, (2) JD 945, 5X Semi Rollover; (2) JD 2600S, 7X; JD 2600, 7X On-Land, IH 710, 7X On-Land; JD 2600 7X On-Land, JD 3600 8X Spring Reset, On-Land, JD 2600 8X Plow; IH 710 8X On-Land.

CHISEL PLOWS: Dunham Lehr 6' Pull Type; Brady 12' Chisel Plow; Case 14'; Brillion 12'; AC 1600 14' Pull Type; AC 13' Chisel Plow.

DISCS: New Tayleray 576 12' Rock Flex Disc; Miller 11' Offset Disc; Miller 10' Offset Disc; IH 770 20' Hyd. Fold Offset Disc; JD 110 14'; JD 230 13' Disc; Miller Series V 12' Flex; JD 215 Disc; JD 215 Disc; Kewanee 15' Rock Flex Disc, Real Nice; IH 500 14' Heavy Disc; White 15' Offset Disk; Krause 1587 17' Center Fold Rock Flex; JD 220 18' Hydra Fold; JD 220 19' Hyd. Fold; IH 485 19' Hyd. Fold; Dunham Lehr 34-20' Rock Flex Disc; Bush Hog 1440 19' Rock Flex Disc, Real Nice; IH 485 23' Hyd. Fold; JD 235, 25' Disc.

MULCH TILLERS: JD 1710A 13 Tooth; IH 6000 13-Tooth Soil Saver; White 10-Tooth Soil Saver; Glenco 9 Shank Soil Saver; Glenco 18' Fold Soil Saver; Glenco SS18 Fold Soil Saver.

CULTIMULCHERS: Brillion 21' Hyd. Fold, Crow Foot Cultimulcher; Brillion 15' Cultimulcher; Brillion 12' And 15' Cultimulchers; Brillion 12', nice; Brillion 13 Ft. Cultimulcher; Brillion 13'; Brillion 14' Cultimulcher; Dunham Lehr 15'; IH 315 15'; JD 12'; JD 10'.

CULTIVATORS: Lilliston 4R Rolling Cultivator; JD 4R Front Mount Cultivator; JD AT 40 4R Front Mount Cultivator; 4R S-Tine; 6R S-Tine; Noble 6R Fold S-Tine Cultivator; IH 85 6 & 8R Front Mounted Cultivator; Oliver 6R Front Mount; JD 8R Cultivator; JD 1010 28' Hydraulic Fold Field Cultivator; Brillion 23' Hyd. Fold Field Cultivator; Brillion 18' Field Cultivator; Brillion 16' Wing Harrow; Brillion 20' Fold Harrow.

MISC: Brillion 14' Transport Packer w/ Harrow Attach.; Lely Roterra 13'; Brillion 12' Packer; JD 400 20' Rotary Hoe; JD 400 15' Rotary Hoe; IH #11 5&7 Shank Spring Reset V-Ripper; Tebben 7 Tooth Pull Type Subsoiler.

INDUSTRIAL: MF 2200 Dsl. Forklift, As Is; Yale Forklift.
1978 Case 580C Dsl. L, B, ROPS, Cab w/Heat, AC 715B L & B; Case 750 Crawler Loader w/ Ripper; JD 555 Crawler Loader; 4 In 1 Bucket For JD 450; Ford Backhoe Attachment; Ford 4500 Industrial Gas Loader.

SKID LOADERS: Case 1840C; Case 1840; Case 1845 Dsl.; Case 1835B; Gehl 3510 Gas; Bobcat 722.

LOADERS & BLADES: JD 58, 145, 148, 158, 260; IH 2355, 2350 & 2250; NI 504 Fits F400; Leon 808 Loader To Fit White 2-180; Schwartz 1900 QT (Fits MF); Farmhand #258 (JD 4230); Dunham Lehr #22; Artaway HD loader for 4WD; Westendorf 64L; AC 470 Loader; Ford Ldr. For 8000 Etc.; JD 8' Dozer Blade For 4430, Etc.; Amco 905 Heavy Front Blade; JD Heavy Front Blade For 2940 Thru 4640.

LAWN & GARDEN: JD 755 MFWD w/JD #70 Loader; JD SOLD y Mower; JD 850, As Is; JD 650 w/ Mower, Like New; JD 75 Loader; Yanmar YM 155D, 4WD w/ Woods RM 360 Mower; Kubota L175 w/Mower; Kubota B6000 w/ Mower; JD AMT 622; JD 600 AMT; JD 600 5 Wheeler; Cub Lowboy; Cub 184 w/Mower; IH Cub 154 Lowboy w/Woods Mower & Snow Plow; IH Cub w/Mott Mower; Cadet 1572 Dsl.; Cub Cadet 782D; JD 935D Front Mower; JD 930 Front Mower; JD 935 D w/Front Mower; JD 400 w/ Mower & 3 Pt. & Equip.; JD 316, 317, 214, 212, 210, 160; JD 185 Hydro; JD 116; JD 318 Blade & Snow Blower; Snowblower For JD 300 Series; JD Front Blade For 750; Cub Cadet 149, 1200, 582

ROTARY CUTTERS: Bush Hog 15' Hyd. Fold; Votex 11' Rotary Mower; Hardee 8909 9' Heavy Duty Cutter.

SICKLE MOWERS: IH 1300

MANURE SPREADERS: New H&S #310 Tandem Axle Spreader; Ford NH 304 Scavenger Spreader, Like New; Case IH 595 Tandem; JD SOLD Push; JD 450 P SOLD ; JD 450 Push Spreader; NH 308 Tandem Scavenger; NH 520; NI 213; Badger 5800L 1500 Gal. Tandem Tank w/Vacuum; Better Bilt 1500 Liquid Spreader; Clay 1500 Gal. Liquid Spreader w/Vacuum; JD R; MF 15, Like New

New Killbros Bins & Running Gears
New Killbros 1200 Grain Cart
New Killbros Header Wagon

MISC: Walinga 510 Agri-Vac, Frey 1245 Round Bale Shredder; Hinson 812 Grain Cart; Lely Tandem Fertilizer Spreader; (New) Mayrath 32' Elevator; Mel Can Rock Picker; Ritsway Rock Picker; Rock Picker; JD Quick-Couplers; JD WF, 4WD; Damaged IH 84 Series Cab; New WFE For Ford 7700.

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IH 715 Gas w/Cab & 810 Grain	$ 3,900
M.F. 510 Diesel w/Cab & Q.T. Grain	$ 2,250
JD 4400 Gas	$ 3,000
MISCELLANEOUS	
IH 1490 Hydro Swing Haybine	$ 4,900
NH 1005 Bale Wagon	$ 1,200

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Case-IH 5300 20x6 Drill
Case-IH 5300 24x6 Drill
Case-IH 5711 3 Pt. 11' Chisel Plow
Case-IH 860 Hay Rake, Gr. Dr.
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Case-IH 600 Blower
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IH 710 5F 16" Plow w/Cyl.....$ 1,350
NH 451 Sickle Bar Mower.....$ 1,250
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IH 45 VS field cult.....$ 1,250
IH 234 Mtd. Picker.....$ 750
IH 830 Forage Harv. w/Pickup Hd.....$ 4,000

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NI 319 cornpicker w/322 12 roll husking unit, good condition SOLD
(1) used JD 27 flail shredder, new 1989, sharp
Oliver 620 Baler w/Thrower, Nice
(1) Used JD 1219 Mower Conditioner, like new
New Hay Tedders
New Bale Wagons

JUST RECEIVED
1 White 6125
2WD Power Shift
Tractor

MISCELLANEOUS

Year around cab for 3010 thru 4020 JD tractors
1973 Ford 8000 Truck Tractor, 1160 Cat diesel, used last 8 years in our business, has wet line, recent inspection and good rubber
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New Material Buckets To Fit JD Loaders 145-146-148-158 48-58 in stock
354 Perkins Engine Parts
(1) 12' 3 Pt. Power Rotary Hoe

TILLAGE

New White 11' 445 disc chisel
(1) Used JD 1010, 22' Field Cultivator w/spike tooth harrow, new 1987, nice
(1) Used set of front mount cultivators for JD utility tractors
(1) Used Oliver 6 Bottom Plow, Spring Automatic Reset Bottom
New White 6R 378 Row Crop Cultivators
Used Kewanee 273 Field Cultivator, 18' Nice
New White 256 disc, 12'8"
1 Used [illegible] field cultivator w/rake, 13' SOLD

USED TRACTORS

JD 414 Power unit w/clutch & shut down switches
(1) Used Oliver 1550 SOLD N Front, good condition
JD 2840, nice

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Duals to fit White 170 or 195 20.8Rx42 used 40 hrs.
White 6105 4WD w/Cab

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- Little Giant Bale Elevator
- NH 304 Spreader
- Feed Easy 210 Mixer Feeder
- Baltimatic Spinner Spreader
- Oliver 62T Baler w/ Thrower
- Brillion Chisel Plow NH

TRACTORS

- David Brown 1212
- JD 50 With Loader

SKID LOADERS & UTILITY

- Case 455 Track Loader
- Case 580E, ROPS, Std. Hoe
- Dynahoe 120 Loader/ Backhoe
- NH L-455 Skid Loader
- Gehl 4510 Skid Loader
- Case 850 Crawler Loader
- Eager Beaver 9 Ton Trailer
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- IH 550 Harvester
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- Case 444 w/48" Mower
- Ford YT - 18 H.P.

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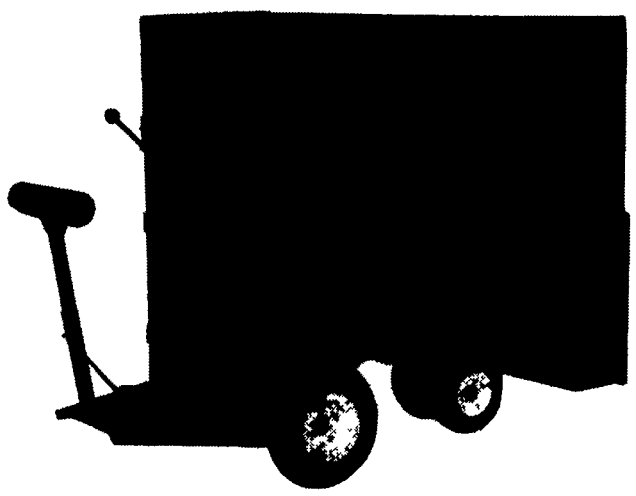

PTO Bedding Chopper Shown
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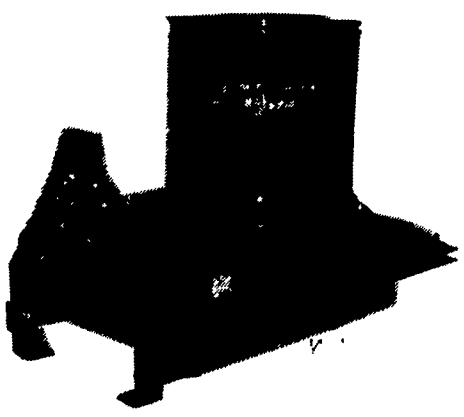

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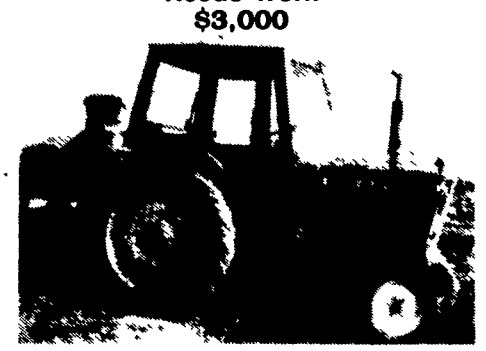

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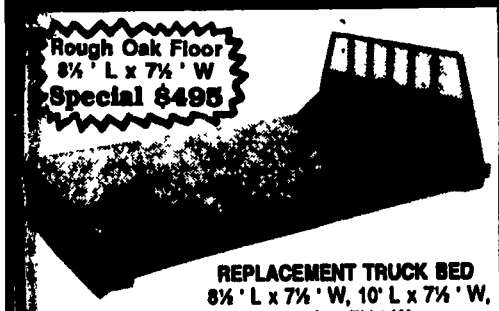

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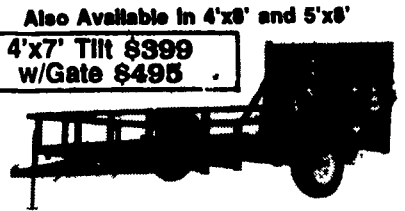

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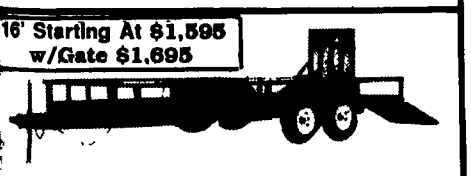

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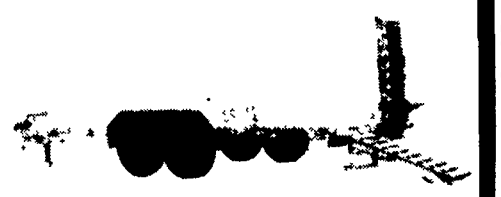

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5200 2WD
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670, 770, 970, 855, 1070

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7200 6R dry fertilizer
750 No till drill, 10'
450 17DD drill

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494 JD Corn Planter
AC no till corn/soybean planter, 6 & 11 row, liquid fertilizer
AC 4 Row No-Till Corn Planter (Liquid)

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NEW

825 6RN 3 pt. cultivator
2000 4X spring reset semi-mount plow
Kvernland plows

HAY EQUIP.

NEW

1219 Haybine

USED

JD 640 Hay Rake
1209 Mower Conditioner
1190 IH Mower conditioner
336 Baler w/30 Thrower

HARVESTING

NEW

4435 Combine
444 Cornhead
JD 913 Flexhead
JD 9400 Comb.

USED

MF 200 forage harvester w/2RN head
IH 303 Combine
10' G.H. 2 RW C.H.

MISC.

NEW

Westfield tailgate auger
403 Rotary cutter
503 Rotary cutter
603 Rotary cutter
516 Rotary cutter
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95 3 pt. scrapers
1008 rotary cutter
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JD AT40 cult. for 3020
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(2) Gravely Walk Behind Mowers

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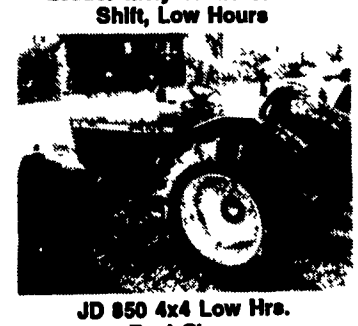
Case 1845C Skid Loader

Kubota L3650 GST 4x4 w/Loader 1,300 Hrs.

Kubota 2850 4x4 w/Loader & Rear Remote

Kubota L3350 4x4 Tractor, Loader w/Hydraulic Shuttle Shift, Low Hours


JD 850 4x4 Low Hrs. Real Clean

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Reg. Hours: Mon. thru Fri. 8 to 5; Sat. 8 to 3

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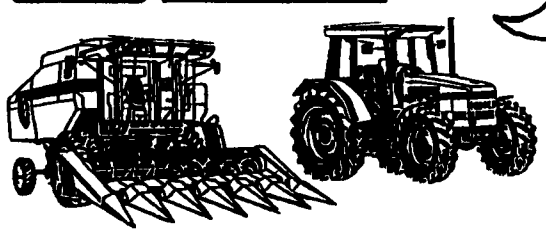

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TRACTORS
AC 7050D w/Cab, Air, Heat
AC 6080D w/Roll Bar & Canopy
AC 190XT D
AC 7030 D w/Cab
AC D19 3 Pt. Hitch
AC WD45, Excellent
AC WD
Case IH 1394 D, 4WH, Only 1335 Hours
Farmall 560D
Farmall M, Excellent!
MF 85, Excellent
JD 60
White 1855D
Case 500
Zetor 6245D w/Leon 690 Loader, Only 1003 Hours
Ford 8000D

COMBINES
(1978) AC Gleaner M2 D w/Cab Air, 15' Grain & 630 Corn Heads
AC Gleaner K w/10' Grain & 238 Corn Heads
AC Gleaner E w/Cab, 10' Grain And 238 Corn Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 4400 D Combine w/13' Grain And 438 Corn Head
NI 323 1-Row Picker, Excellent!
AC 630 Corn Head For N Or R Series Combines
JD 334 3-Row Corn Head
(2) JD 235 2-Row Corn Head

MISC.
(2) Weaverline 330 Silage Cart
Gehl Grinder/Mixer
M&W 2000 Bu. Grain Dryer

PLANTING & TILLAGE
MF 11' Disc Harrow, Pull Type
JD 9' Disc Harrow, Pull Type
AC 2000 6-Bottom Plow, On Land
JD 5B Spring Trip Plow
(2) MF 4B 3 Pt. Plow
JD 1000 12' Disc w/Trans. Harrow
AC 600 Air Champ Planter 6-30" Rows
AC 600 Planters, 4-30" & 4-38" Rows
AC 600 Planter, 6-30" Row, Demo
AC 333 Planter, 4-30" Row

HAY TOOLS
JD 1209 Haybine
NH 1499 Haybine w/12' Head, Like New
NH 1495 Haybine
(2) NH 489 Haybine
(2) HESSTON 1014 Hay Conditioner
JD 346 Wire Baler
NH 273 Baler w/Kicker
IH 57 Baler w/Engines
Gehl 5' Disk Mower, 3 Pt.
NH 1010 Automatic Bale Wagon
Terrain King Boom Mower

FORAGE HARVESTERS
NI 767 Self-Propelled w/702 Power Unit And 238 Corn Head
Gehl 400 Harvester w/2R Corn Head
NH 28 Forage Blower
Gehl 660 Forage Blower
NH 717 Harvester w/Pickup And Cornheads
JD 35 Harvester w/Pickup And Cornheads
(2) Farm Hand Grain Bodies, 135 Bu. w/ Running Gear
Gehl 940 Forage Wagon
Danco Forage Wagon

MANURE SPREADERS
NI 3600 8-Ton w/Tandem Axle, Excellent
NH 520 220 Bu., Excellent
NH 518, 217 Bu.
NH 368 Tank Spreader
NH 302

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Harley
LANDSCAPE POWER RAKE

ONE WEEK SPECIAL
10% OFF USED HAY EQUIPMENT

0% Interest Til May 1, 1994

IHC 430 Baler With Ejector ..... $ 1,650

JD 336 Baler With JD 30 Ejector ..... $ 4,250

JD 336 Baler With JD 30 Ejector ..... $ 5,350

JD 346 Baler With JD 30 Ejector ..... $ 6,950

NH 846 Round Baler ..... $ 5,500

JD 1209 9-Ft. Mower/Conditioner ..... $ 1,450

JD 1219 9-Ft. Mower/Conditioner ..... $ 5,250

NH 411 9-Ft. Discbine ..... $ 6,750

NH 489 9-Ft. Haybine ..... $ 6,950

JD 640 Rake ..... $ 895

USED FORAGE EQUIPMENT

0% Interest Til May 1, 1994

IHC 56 Forage Wagon ..... $ 750

JD 35 Harvester, 540 PTO ..... $ 1,850

JD 3800 Harvester, 1000 RPM, Elect. Cont. ..... $ 3,250

JD 3970 Harvester, 1000 RPM, Elect. Cont. $15,500

JD 3970 Harvester, 1000 RPM, Elect. Cont. $17,500

USED COMBINES

0% Interest Til Sept. 1, 1994

JD 7700, Diesel, Hydro, 3492 Hours $11,000

JD 4400, Diesel, Variable Speed, Straw Spreader, 2333 Hours $17,000

JD 4400, Diesel, Variable Speed, Straw Spreader, 2357 Hours $17,000

JD 4420, Diesel, Variable Speed, AHHC, Straw Spreader, 3673 Hours ..... $20,500 SOLD

JD 6620 SH, Diesel, Hydro, Straw Spreader, 3520 Hours ..... $30,500 SOLD

MF 760, V8 Diesel, Hydro, Chopper, 2850 Hours, 15-Ft. Flex $15,000

USED TRACTORS

0% Interest Til March 1, 1994

JD 2555 65-HP, TSS, SGB $27,500

JD 2955 85-HP, 16 Speed, 450 Hours $26,900

JD 4040 100-HP, New Engine, Cab, Quad $25,900

JD 4455 140-HP, Power Shift, SGB $51,000

JD 4455 140-HP, Power Shift, SGB $53,500

JD 4620 150-HP, Synchro, Cab $13,500

USED PLANTING EQUIPMENT

0% Interest Til April 1, 1994

IH 800 Planter, 6R 30", No-Til Coulters ..... $ 2,650

JD 7000 Planter, 6R 30" Cons., Liquid Fertilizer, Monitor ..... $ 8,850

JD 8250 Drill, 14 x 7 Single Disk ..... $ 3,250

JD 8300 Drill, 18 x 7 Double Disk ... $ 4,850

MISCELLANEOUS USED EQUIPMENT

IHC 175 Spreader ..... $ 750

NI 362 Spreader, 220-Bu. ..... $ 3,950

JD 450 Spreader, 250-Bu., Hydra-Push ..... $ 3,950

IHC 53, 6R 30 Cultivator ..... $ 900

JD 780 Spreader, 400-Bu., Hydra-Push ..... $ 7,950

Brillion 15-Ft. Flail Shredder ..... $ 5,750

JD 65 Rear Blade, 7-Ft. ..... $ 425

Ford 951 Rotary Cutter ..... $ 695

Little Giant Bale Elevator ..... $ 1,150

USED TILLAGE EQUIPMENT

0% Interest Til March 1, 1994

JD 235 Disk, Coulter, 18'6" ..... SOLD

Farm Hand Wing Fold Pulverizer 21-Ft. ..... $ 4,950

JD F145 Plow, 4 Bottom ..... $ 850

JD 2000 Plow, 4 Bottom, Spring Reset ..... $ 5,500

JD 2500 Plow, 5 Bottom, Spring Reset ..... $ 3,650

JD 360 Plow, On Land, 6 Bottom ..... $ 850

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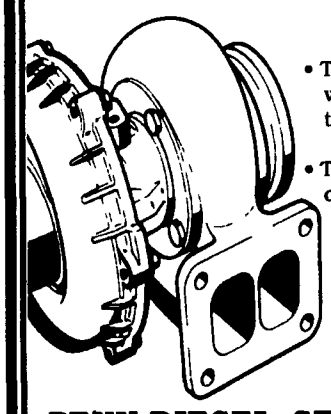

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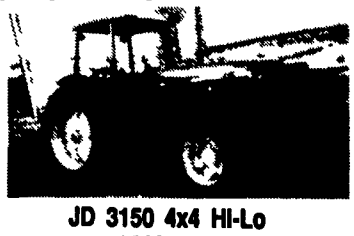
SPECIAL OF THE WEEK



JD 3150 4x4 HI-Lo
1540 Hrs.
$21,500.00

IH 1586, cab, air, duals	$12,000
IH 1066 w/cab & air	$ 6,750
IH 1066, black stripe, cab, air, 2,400 hrs.	$10,000
IH 856, fenders	$ 4,700
IH 766, cab, TA	Coming In
IH 685 w/loader, shuttle shift	$14,250
IH 574, diesel w/TA	$ 7,200
IH 186 hydro, cab & air	$13,500
MF 360, 4x4 w/loader	$14,000
MF 285, multi power	$ 8,900
MF 270, 1,100 hrs.	$ 8,900
MF 255, diesel, low hrs.	$ 7,500
MF 165, 8 spd. w/loader	$ 7,500
MF 65, gas w/loader	$ 1,800
MF 50C w/loader, shuttle shift	$ 8,000
Ford 7600, 4x4, fenders, DP	$ 9,500
Ford 6600, 4x4, needs work	
AC 6060, 4x4 w/loader	$ 8,500
Oliver 1755, 1,900 hrs	$ 5,200
Oliver 1655, diesel w/loader	$ 5,000
JD 3150, 4x4, hi-lo	$21,500
JD 2955, cab & air, nice	$21,000
JD 2520, diesel, WF, SR	$ 8,000
JD 2510, gas, 2 remotes	$ 4,500
JD 1250 w/loader, 4x4	$11,000
JD 420 w/loader	Coming In
JD 350B loader	$ 8,500
JD 4010 diesel tricycle	$ 4,800
JD 60, tricycle	Coming In
Deutz Allis 6260	$ 8,800
Deutz 6807	$ 4,800
Deutz DX160, 4x4, 4 post	$10,200
Deutz DX90	$ 8,500
12' cultipacker	$ 900
JD 111 10' disc	$ 1,500
Taylorway 7' Soil Saver	$ 3,900
21' White Field Cultivator, Hyd. Fold	$ 1,750
AC 1300 25' Folding Field Cultivator	$ 2,500
Woods 10' Offset Mower	$ 2,500
MF 880 4 & 5 btm. reset plows	$ 1,000 & $ 1,200
KMC 11' chisel plow	$ 850
MF 13' Flex Head UII	$ 2,800
MF 15' Flex Head	$ 1,900
MF 20' Flex Head	$ 1,900
IH 7 Shank Auto Reset V Ripper	$ 4,900
18.4x38 & 20.8x38 duals	$ 1,000
14' Transport Packer	$ 1,800
Better Bilt 1500 Gallon Top Fill Spreader	$ 2,200

Financing Available

L & M BURKHOLDER

Between Brownstown & Rothsville
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717-859-2960 717-859-2712
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Complete factory Power Steering for Farmall 300 thru 450

- Case 930 w/WF, 3 pt. hitch, new rubber
- Gleaner G, dsl., AC, grain head w/ FCB, low profile 630 corn head, good condition
- Farmall H
- IH 5100 Soybean special, 18x7
- NI 702 Uni w/727 husker & 735 3RN
- Farmall 460 w/FH, PS
- Case 13' field cultivator.
- (2) Oliver 16x38 rims & wheels.

• Parts: 460, 450D,H

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HG, OC-3, OC-4, OC-6 Our Specialty

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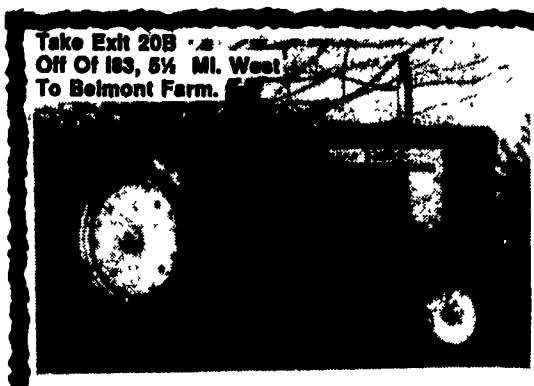

JD 720
Diesel Pony, Starts Easy
$3,200
410-833-9091

Combines for Salvage

IH: 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 101, 82, 80, 76, 74. JD: 7720, 7700, 6620, 6600, 4420, 4400, 3300, 105, 95, 55, 45, 40. MF 760, 750, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC: Gleaner, AC N5, F, F2, L, M, M2, K, G, E, C, C2, A, 60, 66. Oliver: 7600, 545, 535, 525, 430, 40, 35, 33. NI: Uni, 709, 710 Combine, NI 717, Huskers, 705, 702, 701, Combine shellers & harvesters. Case: 1160, 960, 700, 660, 600. NH: 1400, 975, 985, TR70. MM: 5297, 3496, MM Uni, White 6600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers; JD 7720, Motors, transmissions, tires, corn & grain heads, grain savers, 1984 JD 6620 side hill w/heavy steering axle.

JD 5460 SP Harvester — Parts For IH 1440, 1460 Rotarys & NI 717 Combine
NH 785 Skid Loader — NI 802 w/Harvester
JD 4425 500 Hrs.
AC Hydro Skid Loader — JD 6600 & 6620 Side Hills

Financing or Lease Available

BALERS & RAKES

(3) Bale Rack Wagons, $550 To $2000
NH 276 w/Thrower
NH 269 w/Thrower
NH 273 w/Thrower
NH 273 w/Chute
JD 336 w/Kicker
NH 56 Rake
MF 1560 Belt Round Baler
Gehl 1500 Belt Round Baler
IH 241 belt round baler
NH 852 round baler auto wrap

COMBINES

Late JD 7700 hydro diesel, turbo w/4WD, out of wheat harvest
JD 4400 gas
NI 705 diesel, w/717 combine 4R 30" corn, 4R 38" corn, 13' grain
NI 729 husker & 767 harvester w/pickup & corn head
AC-K w/12' flex & corn, 1 owner, nice
White 6600 hydro diesel, 4R 36" & 4R 30", 15' flex out of wheat, 6R 30"
IH 93 Cab, 10' Grain
IH 80, 7' Pull Type
1979 IH 715, Hydr. German Diesel, Sharp
1980 IH 1440 Rotary w/Heads
MF 82 w/12'
AC N6 Rotary 4WD w/6 Row 30" & 15' Flex
JD 7700 Hydro Diesel
Late JD 6600 Hydro 404 Diesel
MF 750 Hydro Diesel
Late MF 550 Hydro Diesel, 4x4
AC F Diesel w/Heads
1977 MF 510, Hydro Diesel
1975 6600 Side Hill, Diesel
1981 AC, N5 Rotary Combine
JD 7720 hydro diesel, 1800 hrs
NH TR 85, hydro, Cat diesel
Late IH 915 hydro diesel, turbo
ACK w/cab And Heads
ACA w/grain, 2R 30" or 3R 30"
NH TR70 Cat diesel, hydro
AC F2 diesel turbo, hydro
JD 6620 diesel, hydro, $15,000
JD 7700 dsl. gear drive w/heads
1979 JD 4400 3000 hrs, nice
JD 4400 diesel w/heads
1979 JD 4400 diesel
1976 AC F D w/choice of heads
1979 MF 550 hydro D
MF 760 diesel, turbo, hydro
MF 35 SP w/8' grain & 2R corn
(2) IH 82 pull type auger feed
Late IH 715 w/German diesel
NH TR70 Ford diesel
Choice Of Heads

CORN PICKERS

NI Uni Husking Unit Off NI 705
(2) NI 310 1R
Late NI 323 Real Nice, $2,675
NI 323 Real Nice, $2,800
IH 460 w/IH 2 MH Mounted
(3) NI 324 2R 38"
(2) NI 325 2R 30"
(20) NI #10 1R
JD 300 w/2R 30"
(2) NI 318 14
1R's, 2R's, 38", 2R's 30", 10 To Choose From
Other Makes & Models Available

Dismantling For Parts:

Balers, Combines, Cultivators, Discs, Drills, Harvesters, Haybines, Mowers, Pickers, Planters, Plows, Spreader, Tractors

GRINDER/MIXER

NH 357 w/Extended Auger, Nice
NH 354 w/extended auger, nice $3850
NH 358 long extension auger
IH 1150 $1875

HARVESTERS & UNLOADING WAGONS

IH #10 flail chopper
NH 770 w/ear corn hopper & screens, 2x30" corn & open end pickup
(2) NH 38 6' Flail Choppers
Gehl 6' Flail Chopper
NI Uni Hay Pickup
NI Uni 767 Harvester
(2) IH 120 Tandem unloading wagons, nice
HEADS: JD 2R 30", 2R 36"; 1R fits 38", 3800, 35, IH 2R 30", 2R 38", fits 720 & 830, NI Uni 2R 38", 3R 30"
NH 892 w/2R And Pickup
NH 33 5' Flail Chopper
(2) bin corn wagons, $600, $800
Fox 2300 & 2R cord belt type
IH 781 w/2R & pickup
Gehl 3R harvester head, $750
Gehl CB800 w/2R 30" corn
(3) IH 720 w/2R corn & pickup
JD 15A 5'
(2) JD 16A Flail Chopper
Gehl 600 w/1R
NH 890 & 880 P/U & corn head
(2) JD 38, 2R, & pickup, $1,500
JD direct cut for 38 - 3800 - 35
JD 2R for 38 - 3800 - 35
Coby 3 beater unloading wagon w/ roof
Badger 3 beater, roof unloading wagon
(3) Gravity Boxes w/Wagons

NI 709-802 4x4 Kit

MOWERS/ ROTARY MOWERS

12' Bush Hog
5' 3 Pt. finish mower, $685
USED 3 Pt. 5' Finish Mower w/4 Gauge Wheels, $850
JD 6R Rotary Hoe
IH 40, 6R Stalk Cutter, $1500
AC trailer type belt drive
JD 7' trailer, offset wheels
3 pt. 6, 7 & 8'
JD 14' 1408, 3 pt
JD 15' #737 rotary mower
NEW 11' rotary mowers HD up to 125 HP

GOOD RUNNING MOTORS

Tractors: JD: 4440, 4240, 4320, 4020, 4010, 2840, 2510, 2010, 2020, 1010. IH: 1066, 966, 856, 806, 756, 706, 656, 560, 460, 400, 450, 584, 574, 864, 544, 504, 340, 300, C, H, M. AC: D15, D17, D19, WD, WC, XT 190, 210, 220, CA, C. Case: 530, 300. Ford: 8N, NAA, 800, 871, 3000, 4000, 5000, 9600.
Combines: JD. 7720, 7700, 6620, 6600, 4420, 4400, 3300. IH: 1480, 1440, 915, 815, 715, 615, 315, 205, 203. AC: L, M2, F, C2, G, E. MF: 760, 750, 510, 410, 300. NI: V8 gas & diesel.

(2) IH 6 cyl. gas w/clutch
Chrysler Ind. 8 cyl. w/clutch
6 cyl. Hercules w/clutch

HAYBINES

NH 495 12' pull type
NH 411 Disbine
NH 477 7'
Gehl 440, 9'
NH 499 Hydro Swing, New Rolls, $5,950
NH 469 9'
MC Rotary Scythe
MF Flail Mower
NH 1495 12' Gas, Cab, A1
Hesston 1010 Hydro Swing
IH 990 9'
NH 477 7'
JD 1209, 9'

WIDE FRONT ENDS & DUAL WHEELS

2 Sets 20x38, 15x38, 16x38, 18x26, 18x34, 18x38 Duals, $950
WF Ends: IH: 460, 560, 706, 806, 856, 756, 1256. AC: D19. Ford: 5000. MM: G1000. Oliver: 88, 1800. JD. 2510 thru 4020, 4020 WF. 2 sets of 1834 duals. C Or Super C w/Wide Front.

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert. Spreaders
Cement Mixers

SPREADERS

Hawk Built Tandem Tank, Right Hand
NH 666 tandem wheel tank, right hand
NH tank spreader
NI tandem
NI single beater
NH 667 tank rt. hand throw

EXTRA CORN HEADS & GRAIN HEADS

200 To Choose From 2, 3, 4, 6 Row Corn Heads. All Size Grain Heads, Flex & Ridgid

MISC.

(2) 30' Bale & Grain Elevators
Lincoln generator welder on trailer, $950
NI 36' bale & grain elevator
(3) IH semi & trailer belt drive
JD elevator w/drag elevator
New Case backhoe loader bucket
IH & JD mowers

35 DISCS & ROLLER HARROWS

IH 475 hyd. wings, 18'
Brillion 12' inside wheels
12' 3 pt. field cultivator
JD 210 14' Black Gang
(3) JD 360 Off-Set 12 & 14'
Miller 20' Offset Hyd. Wing
Bush Hog 12' Offset
IH 475 18' Wing
JD 230 22' Rock Flex Hyd. Wing
JD 230 22' Hyd. Wing w/24" New Blades
Kewanee 730 Rock Flex, 20' Wing
(2) IH 500 14'
JD RBW 12' Plowing Disc
IH 25' Hyd. Wing
White 252 10'
(10) Older 7' To 14'
JD 950 11' Inside Wheels
(2) JD 10' Outside Wheels
McKee 18' Hyd. Wing Field Cultivator w/Rolling Basket
Brillion 18' Wing Wheel Harrow

60 PLOWS

IH 6X 16" spring reset
IH 5X 16" spring reset
IH 450 3 Pt. 3 Bottom 16", Reset
JD F145 4&5 Bottoms
IH 710, 7b 16" Spring Reset On-Land Hitch
IH 700, 7x16" On-Land Hitch, $2,675
(4) JD 2500 Spring Reset Plows 5x18, 6x18
IH 720 6x18, Toggle Trip
(8) JD 1450 6x18, 5x16, 5x16
White 549 5x16 Trip
Ford 4x20 Roll Over
JD 3x18 Or 4x18 Roll Over, 3 Pt
AC 6x16" Monoframe
IH 5x16 Spring Reset
IH 4x16 Spring Reset
2, 3, 4 Bottom 3 Pt. Plows
IH 2, 3, 4 Bottom Fast Hitch
2, 3, 4 Bottom Drag Plows
White 466 Chisel Plow, 8T
Massey 10 T Chisel Plow

CORN PLANTERS & DRILLS 30

(2) JD 5250 w/Grass & Fertilizer, Hooks Double, Tandem Hitch, $8,500, Real Nice
Oliver 76 Grass & Fertilizer, $800
Ontario Grass & Fertilizer, $500
(2) MF Drills, $375/Ea.

NEW FARMCO ITEMS

Bale wagons, 20' cattle feeder w/wheels
Cattle feeder, w/legs

LOADERS

New IH 2255, 4x4 loader, list $5,900, Sell $3,875
Dunham loader w/hyd. bucket, $1,800
IH 424 & 444
AC D15-D17
Snow blades for loader or front mounted
IH fits Super M
JD dozer blade, ... fits 4020 to 484... tractors SOLD
JD 45 loader
NI w/hyd. bucket

TRACTORS

IH 460 gas w/loader
Gehl Skid Loader, w/3 Buckets
Farmall 340 NF, PS, Loader
Farmall 340 Utility, PS, Loader
Farmall 606 Utility, PS, Loader
Ford 3000 Gas, PS w/Front Snow Blade
IH 560 Diesel, WF, w/Full Hydraulic, Loader
IH 460 Diesel, Loader Backhoe
IH 806 Diesel, WF, $4,000
JD 4010 Diesel, NF, $5,500
Ford 8N, Real Good
IH 450 Gas, PS, Fast Hitch
IH 450-400 diesel w/belt pulley
IH 1466 black stripe, cab, dual hyd 1000 & 540 PTO, new paint
Farmall 656 WF, 301 Diesel Engine
Farmall Super M, M&W Live PTO, New Paint
Late Ford 7000 Flat Deck Diesel, WF, ROPS w/Roof
Ford 5550 Diesel, Loader Backhoe w/ Cab
Farmall Super C, w/Fast Hitch
Michigan 4WD Pay Loader, $6,000
(2) JD 5010 Diesel Self-Loading Pans
JD 4230 Diesel Power Shift w/JD Cab, 3300 Hrs., Real Nice
JD 4230 4 post, cab
JD 4230 Cab & Quad
IH 856 Diesel, WF
IH 784, 4x4, New Paint
Farmall Super MTA w/Fast Hitch, Power Steering, New Paint
Case Vac, New Paint
MF 85 gas, 3 pt.
AC D17 diesel, WF
Farmall 400 diesel, PS, real nice
David Brown 990 diesel, runs nice $2600
IH 340 Crawler Loader w/4-N-1 Bucket
Farmall 706 diesel
Ford 600 Forklift
Ford 7000, flat deck w/canopy
Farmall 656 gas, WF, $3,950
JD MT
(4) Farmall F20 2 motors stuck
Oliver Super 66
Oliver 66 gas, nice
Oliver crawler w/roll guard
Ferguson 30, 3PT, $1,950
Oliver OC3 crawler, wide track & PTO
Case 4WD Pay loader, $3,000

Tractors for Salvage

IH: 3414, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 704, 674, 664, 660, 656, 574, 560, T, 544 Hydro, 544 Gear, 504, 404, 460, 450, 444, B 414, 400, 350, 340, 300, B275, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12. JD: M, 4230, 4020 dsl., 4010, 3020 dsl., 3010, 2510, 2020 dsl., 2010, 730D, 720, 520, 430, 420, 70, 60, 50, A, B. AC: 5050, AC 200, 190XT, AC 170, 180; AC 185, D14, D15, D17, D19, WD, WC, CA, C, B. MF: 1155, 90, 85, 444, 333, 175, 65, 44, 33, 30, 20. Case: 600, 530, 440, 310, 300, DC, SC, VC, VAC. Ford: 9600, 6000, 5000, 4500, 4100, 4000D, 3400 ind., 960, 861, 860, 800, 600, 641, 600, 8N, 9N. Ford major, 5000. Oliver: OC3 Crawler, OC6, 1800, 1600, 880, 770, 550, 88, 77, 70, 66, 60, 55. MM U, MM 5 Star, MM Jet Star 3, MM 335, MMG 1000, R, Z, E3 Coop, David Brown 990. Nufield & 345 Leyland, gas. AC: HD 5 crawler ldr., 200. Sheppard diesel.

All Combines Sold — Free Parts For One Season If In Our Parts Lot

KEITER'S FARM MACHINERY

Halifax, PA 17032 Rt. 225; 20 mi. north of Hbg.
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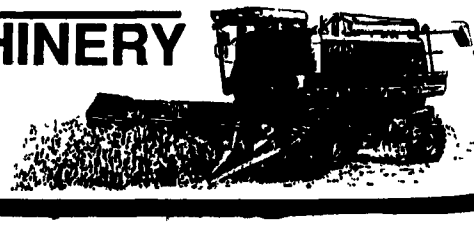
PHONE: 717-362-9574
POSITIVELY NO OUT OF STATE PERSONAL CHECKS



Int 3688 w/Cab; 3388 w/ Cab; (2) 1486 w/Cab; 14466 w/Cab; 1086 w/ Cab; (2) 1066 w/Cab; 986 w/Cab;966 w/cab; 884; 856; 806; 806 w/ Cab; 786; 784; 766 w/ Cab; 706; (2)656; 684 w/loader;684; 460;400; 84 hydro; Cub; w/ mower; H.
JD 4040; 4020; 4010 w/ Cab; 3010; 2940; 2840 w/Cab;2550 4wd w/loader; JD 2440; Ferguson 35; Ford 861 w/loader;AC D19; AC XT 190; 200; JD 410 Backhoe Loader; IH 300 Forklift; JD 555 Crawler Loader; JD 550 dozer

Coming In

Int 966 w/Cab; 656; 560

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Leader's Farm Equipment
Everett, PA
814-652-2809

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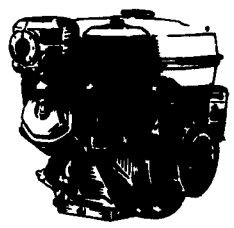
Engines

Replacement Power You Can Trust



G100	2.2 HP	$228.00
Gx120	4 HP	$274.00
Gx160	5.5 HP	$292.00
Gx270	9.0 HP	$474.00
Gx390	13 HP	$550.00
Gx610	18 HP	$908.00
Gx620	20 HP	$1020.00

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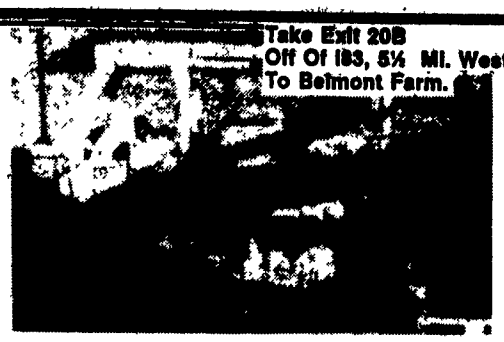
All Units Have "Oil Alert" Except 2.2 HP



CAT D7G
Straight With Tilt 92V 4165
$30,000
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164A Trojan Loader
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Outside NJ 1-800-545-1278
Toll Free NJ (Parts) 1-800-382-9207
JD FINANCING AVAILABLE TO QUALIFIED BUYERS
FAX: 201-383-5756

CRAWLER DOZERS

1973 Dresser TD20C, 75% bottom Tilt Blade $17,500
1969 JD 350 dozer, 6 way, ROPS.....$9,500
1971 JD 350B w/ROPS, VG bottom.....$12,500
1978 JD 350C dozer, 6 way blade, 1100 hrs.....$13,500
1988 JD 750B w/Cab, 1900 Hrs.....$48,000
1987 JD 750B w/ROPS, 1950 Hrs.....$42,000
1979 JD 850 Dozer, Tile Blade & Pin On, Root Rake.....$28,000

4 WHEEL DRIVE LOADERS

1981 JD 544C, cab, 6415 hrs., 2.70 yd. material bucket, rebuilt trans.....$33,500
1985 JD 544C w/cab, ...POR
1985 JD 544D w/cab, r[Sold]aint $42,000

WHEEL LOADER BACKHOES

1988 JD 310C cab, 4X4, 2400 hrs.....$35,000
1990 JD 310C cab, 260 hrs.....$36,000
1992 JD 310D w/cab, 4x4, extend-a-hoe, 700 hrs. $47,500
1975 JD 401C w/ROPS, backhoe, 3 pt. hit ch, tight.....$9,250
1988 JD 410C cab, 4x4, 3400 hrs. $37,000
1987 JD 410C w/cab, ext. dipper, 2045 hrs. $32,500
1967 JD 500, good condition $8,500
1987 JD 510C w/cab, 4x4 .....$38,500
1985 JD 515B with cab & side shift Backhoe aux. Plumbing $20,000
1978 Dynahoe 200 4WD [Sold]b, side dump bkt. $7,000

WHEEL TRACTOR

1985 Bradco (Ford 1910) Loader Backhoe 4WD $13,500
1988 JD 950, 600 Hrs., 4 WD, Turf Tires.....$9,000

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CRAWLER LOADER

1980 JD 555, ROPS, 4&1 bucket.....$16,000
1977 CAT 955L w/cab, 4&1 [Sold]ot U/C $12,500

SKID STEER LOADER AND ATTACHMENTS

1977 JD 24A Diesel $4,500

HYDRAULIC EXCAVATORS

1988 JD 490D Long Stick, 28" Pads, New U/C $51,000
1975 JD 690B.....$22,000
1989 JD 490D, 1600 Hrs.....$55,000
1987 JD 790, Clean, New U/C, aux. plumbing $65,000
1978 JD 690B, rebuilt engine $27,500
1987 JD 70D w/blade, long stick, 1400 hrs.....$30,000
1988 JD 70D w/blade, long stick, 1350 hrs.....$32,000

AGRICULTURAL & MISCELLANEOUS

Toyota skid steer loader buckets.....POR
RM Demco Sprayer, like new, 3 pt. 21' Boom.....$1,000
New JD 350 Crawler Loader Series 4-1 Bucket Replacement clam and back $1,500
JD 603 Rotary cutter.....$700
3 Yd. 444E Material bucket, new.....$2,400
New York Rake RW 7' wheels & blade $1,600

TRAILERS & TRUCKS

1988 Eager Beaver B9DOW.....$3,200
1972 Eager Beaver 18HA $6,000
Eager Beaver 10HDB elec brakes $4,200
(2) Tag-a-Long Trailers.....Make Offer
Mighty Mover Landscape Trailer, 2 axles, long bed....$1,700
1975 Gas International 1600 rack body truck.....$2,000

ROAD & COMPACTION EQUIPMENT

1988 Sakai SW-41 52" double drum, 384 hrs. $32,000
* 1991 Sakai SV70D 67" Smooth drum, 368 hrs.....$49,000
* 1990 Sakai SV91D 84" smooth drum, 900 hrs. $57,000
* Drum Drive

1a CONSTRUCTION EQUIPMENT

SKID STEER LOADERS

MODEL	SERIAL #	COMMENTS	HRS.	YEAR	PRICE
741 Bobcat	M20039	Deutz Diesel	4669	1986	$ 7,900
960 Mustang	161063N	Diesel	1285	1991	$13,500
940 Mustang	1424257	Diesel	2578	1991	$10,500
940 Mustang	0420603	Diesel	925	1990	$11,900
940 Mustang	3801623	Diesel	1375	1990	$10,900
552 Mustang	618294	Izuz Diesel	2000	1987	$10,500
442 Mustang	633208	Diesel	1919	1986	$ 9,500
342 Mustang	633318	Diesel (930A Size)	1881	1987	$ 7,500
SDK10 Toyota	10381	Toyota Diesel	1100	1991	$14,900
3SDK4 Toyota	10587	Kubota Diesel	1389	1989	$ 4,500
TRACTOR LOADERS					
JD300	718956	Diesel, Loader Only	2693	1985	$ 8,500
ATTACHMENTS					
TRENCHERS					
5766	630			1989	$ 4,000
DOZERS					
Cat D3B Dozer	27Y0368	Cust. 75, PAT Blade, Canopy	4600	1985	$22,000

ALL OFFERS WELCOME

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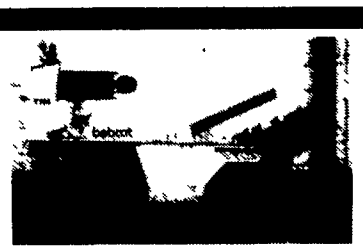
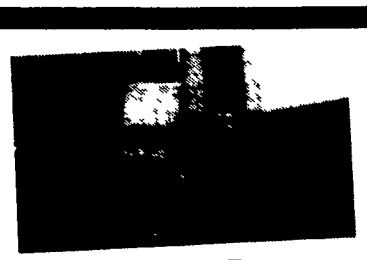
Philadelphia, PA

Call Tom Rosser 215/245-2749

Giles & Ransome CAT

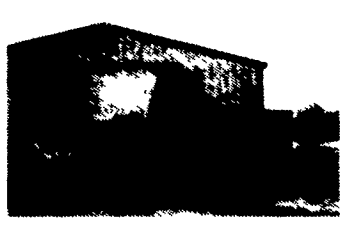


Bobcat Ditcher 114
Low Hours
$2,400

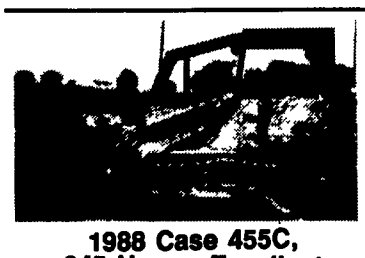


200 Ft. Roto Rooter
$1,200

1986 JD 655B
w/new U/C .



1987 Kawasaki 3800 Hr.
In Excellent Condition



1988 Case 455C,
945 Hours, Excellent Condition
$23,900

Gehl DM54
4 Wheel Drive Forklift With Ford Diesel In Nice Condition

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1955 International loader, $1500, 1972 GMC Detroit diesel twin screw truck $1500, dump body, 10' $300; V-plow, 10', $800. 215-968-5660.

1976 Int. Backhoe, new rebuilt pump, new battery, gas engine, good shape, reliable & economical, job finished must sell, $5500 OBO 717/626-1997.

1988 CASE 580K Cab 1300hrs $24900; 1988 KOMATSU D57-S 2-½ yd ROPS 1800hrs. $47500/BO, 1981 DRESSER-175C 2-½ yd 4in1 $24000; 35-Ton Stiff Neck Tandem-axle Trailer $3000, MICHIGAN 125A 3yd Payloader Cab/Heat $6900, 1985 GENERAL 9-DOW Tag-A-Long $2995, 6-Ton $1200, HIAB HD KnuckleBoom $2995 (609)466-2953

SKID LOADER HYDRO MACK 12C w/water cooled engine, runs excellent, $4,000. 410-833-9091

WELDER— 325 amp, systematic, 3-phase, 220-440, power source & feeder, w/50' of leads from machine, good running condition, $950. 215/326-0230 days, 215/845-3514 after 6pm.

(2)HD21A 180HP Diesel Bulldozers, Good Running Condition, Engines Good For Sawmills. Your Choice $8500, Both for $15,000 FIRM. (814)832-2682.

Angel mini-excavator, Lombardini diesel, 7' digging depth, rubber tracks, pumbing for hammer and 4-post canopy, like new condition only 53 hours, $9,500 (717)532-3360.

BACKHOE FORD 4500, diesel, ready to work, $5,500 410-833-9091

CASE 1150 CRAWLER LOADER, needs some work, $3,200 410-429-1927.

DISMANTLING FOR PARTS Just arrived for parts Case 455C Loader w/very good 4-in-1 bucket, very good diesel engine (4.390), good final drives, good hydraulics, and OROPS All parts available.
BALANDA EQUIPMENT
P O Box 407 RT 29
Palm, PA 18070.
1-800-322-8030

Hydraulic excavator-Hein Werner C10 w/26" bucket, Detroit power, runs, operates $5500.
BALANDA EQUIPMENT
P O Box 407 RT 29
Palm, PA 18070.
1-800-322-8030

IH 260A backhoe, good condition, 1980, $12,000. 717/423-6719

IH dresser TD-8E dozer w/8' 6-way blade.. $19,500 Very good condition 717-463-2191, 717-463-3711.

JD 555 track loader, flip-top canopy, hoe hook, general purpose bucket, very good condition, $15,000. (814)766-3694.

CRAWLER DOZER CAT D7G, no. 92V4125, nice condition, $30,000. 410-833-9091

Earth mover tires, 26.5x25, 12 available, prices from $300 to $1,400. (215)579-7084.

FORKLIFT, CLARK GAS, 2000 lbs., 10', old but runs well, $900. 410-833-9091.

FORKLIFT PETTIBONE SUPER 6, Detroit power, rebuilt engine & trans., $6,500. 410-833-9091

Ford 4500 diesel backhoe, good condition, good rubber, $5,800. (215)932-2767.

Hurst Low-Boy, 1987, 12 Ton, New Axles, Electric Brakes, Paint, Needs Deck, $2500; Clark 10,000Lb. Rough Terrain Forklift, Runs, Needs Engine Work, $2500. (215)932-4019.

Mid 60's Gallon dump bed, 5'x7', 4-5 yd. body. Complete with hoist and pump. (410)658-6288 after 5pm.

MOTOR GRADER, Small Gallon w/rebuilt gas engine, $2,000. 410-833-9091

PARSONS 60 CABLE PLOW, Ford diesel, $2,500. 410-429-1927.

ROLLER ESSICK pull type, vibratory, needs motor work, $400. 410-833-9091

Rubber Tired 1960 Michigan Loader, model 280 with blade, good condition, ideal for snow plowing, grading, land clearing, tires never go flat, sacrificed at $6500. Phone 203/265-5844.

DISMANTLING FOR PARTS: Just arrived for parts: JD 690B excavator, damaged engine.
BALANDA EQUIPMENT
P.O. Box 407 RT 29
Palm, PA 18070.
1-800-322-8030

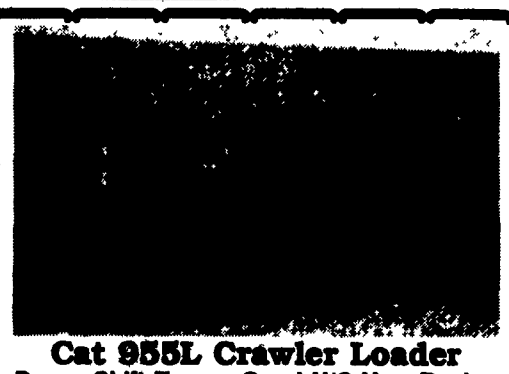
SK 10 Toyota Skid Loader, 800 Hours, w/1190 Backhoe, 12' Digging Depth, 88 Ford F350 Diesel Dump Truck, 6 Ton Trailer, $30,000. (814)743-6596.

END OF YEAR SPECIALS ON SKID STEER LOADERS

'86 JD 555B crawler loader ..... Call
JD 310C Backhoe w/cab $23,500
JD 450 Dozer $6,500

JD Construction Equipment
Thomas Skid Steer Loaders,
Sales and Service

J D EQUIPMENT
Pennsburg, PA 18073
215-679-5958



Cat 955L Crawler Loader
Power Shift Trans., Good U/C New Bucket Teeth, And Cutting Edges, Very Original
$19,000.00
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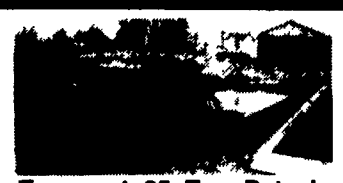
FAX 717-866-4300

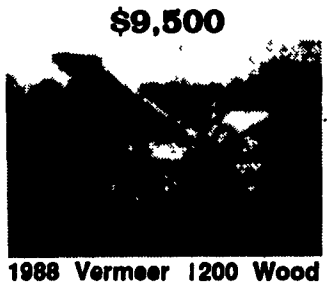
1989 Case 1835C Skid Steer, Runs Good.
$9,500

Advance 5600D Sweeper-Diesel, HI Dump, Cab, Hydrostatic, Runs Good.
$5,900

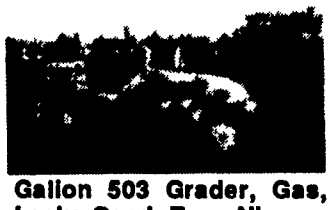


Transport 35 Ton Detachable Trailer, Pony Motor, 15" Tires, Good Condition, Non-Ground Bearing.
$9,900

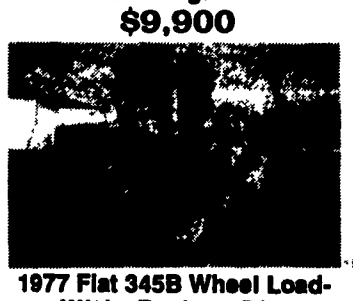
Hough 90 Diesel Loader, Runs But Needs Some Work. $3,500



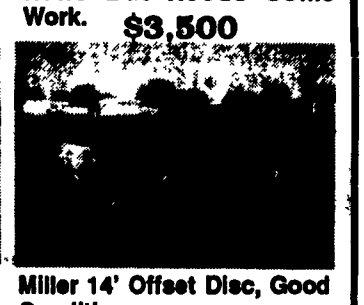
1988 Vermeer 1200 Wood Chipper, 1661 Hours, Ford Gas, Runs Good.
$6,900



Galion 503 Grader, Gas, Looks Good, Runs Nice.
$6,900



1977 Fiat 345B Wheel Loader With Forks, Diesel, Articulated. $9,500



Miller 14' Offset Disc, Good Condition.
$3,900

WANTED: JD 510 Backhoes 1980 & Up
JD 710B Backhoes, All Kinds - John Deere, Case, Cat Construction Equipment

1988 Honda Accord 4 Dr., 5 Spd., Air, AM-FM Cass., 75K Miles, New Inspection, Runs Good, Blue.
$5,450

TRUCKS/CARS

1977 Ford F350 28' Bucket Truck	$3,500
1972 Ford F600 Dump - Gas	$3,900
1987 Honda CRX - Low Miles	$4,450
1987 Honda Prelude SI-5 Speed	$5,450
1988 Honda Accord - 4 Dr - 5 Spd	$5,450
1977 Ford F700 Bucket Truck	$5,950
1989 Acura Legend L Sedan-Auto	$14,500
1970 Vette Conv. - Low Miles - Red	$18,500

BACKHOES

Hoe Attachments	From $2,000
Ford 841 Diesel - As Is	$3,900
Ford 1801 - Gas	$5,900
JD 300 Diesel - 1968	$7,900
JD 300B - Diesel - 1974	$7,900
JD 310A - Cab - 1979	$11,750
Dynahoe 200B - 4x4 - Big	$13,000
JD 310B - Cab - 1984	$14,750
Case 580E - ROPS - 1987	$16,500
Case 680G - Cab - 1980	$16,500
(2) JD 510B - Cab - Ext - 1984	$22,500
Case 580K - Cab - Ext - 1987	$23,500
Case 680K - Cab - 1987 - 4 In 1	$24,500
JD 410C - 4x4 - Cab - 1987 - Ext.	$29,500
JD 510B - 4x4 - Cab - 1985 - Ext.	$29,500
JD 710B - Cab- 1985	$29,500
Case 580K - Cab - 4x4 - Ext. - 1989	$31,500
Ford 655C - 4x4 - Cab - Ext. - 1989	$35,000
Case 580K - 4x4 - Cab - 1987	Coming In
Case 580B - Cab	Coming In
JD 710B - Cab - 1985	Coming In

DOZERS

IH TD5 - Winch - No Blade	$2,700
MF 200 - 6 Way	$8,900
IH TD8E - 6 Way - 1979	$19,500
Cat D6C - ROPS - 1969	$22,500
Case 850D - 6 Way - 1986	$29,500

MISCELLANEOUS CONSTRUCTION

(50) New & Used Hoe Buckets	COME SEE
(50) Loader Buckets	COME SEE
(50) Set Forklift Forks	COME SEE
Tree Planter - 3 Point	$795
(2) Cinder Spreader - Each	$1,000
Ripper For Crawler	$1,000
(2) Essick 1 Ton Roller	Each $1,450
Sweeper - Pull Type - Gas	$1,800
(7) Demolition Hammers	Each $2,500
Schramm 160 Air Comp	$3,000
Large Snowblower For Loader	$3,000
Vermeer Stump Grinder	$3,500
IH 140 w/Power Broom- 1972	$3,900
Miller 14' Offset Disc	$3,900
(5) Sheeps Foot 2 Drum Roller	$2,900/$4,500
Vermeer T218 Tree Spade w/Trailer	$4,900
Advance Retreiver 5600D Sweeper	$5,900
Galion 503 Grader - Gas	$6,900
Vermeer 12" Brush Chipper - Gas	$6,900
IR 160 Diesel Compressor - 1990	$8,500
Advance Retriever 6600G Sweeper	$8,900
JD 760 Scraper	$9,900
JD 570 Grader - 1970	$16,500
Tampo RS28B 84" Vib. Roller	$17,500
Fiat FG85 Grader - 1982	$18,500
Tampo RS28D 84" Vib. Roller - 1982	$24,500
JD 690B Excavator - 1982	$29,500

SKID LOADERS

NH L35 - Diesel - 1972	$5,900
Gehl 4610 - Diesel	$7,900
Case 1835C - Diesel - 1989	$9,500
NH 555 - Diesel - 1984	$9,500

TRACTORS WITH LOADERS

JD 300 Gas - 3 Pt. - PTO	$4,900
Ford 600 - Gas - 3 Pt. - PTO	$4,900

CRAWLER LOADERS

Cat 977H - As Is - 1962	$3,900
IH 500C - 1969 - 4 In 1	$4,800
JD 450 - 1966 - Diesel	$5,000
JD 350 Diesel - ROPS - 1969	$6,500
Cat 941 - Diesel - 1968	$9,500
Case 1150C - ROPS - 1981	$18,500
Case 455C - ROPS - 1986	$21,500
Case 1155D - 4NI - 1983	$24,500
CAT 983 - Cab - 1969	$28,500

TRAILERS

1994 5 Ton Tag-A-Long - 6.5x14	$1,495
1978 3 Axle 11 Ton Tag-A-Long - 8x18	$1,900
2 Axle 12 Ton Tag-A-Long - 8x17	$1,900
(2) 1994 5 Ton Tag-A-Long - 6.5x16	$2,095
(3) 1994 5 Ton Tag-A-Long - 6.5x18	$2,195
(3) 1994 5 Ton Tag-A-Long - 8x18	$3,350
1979 Warren 12 Ton Tag-A-Long	$3,500
1992 10 Ton Tag-A-Long - 8x24	$6,450
1973 General 20 Ton Air Brakes	$6,900
1973 Transport 35 Ton Detachable - 8x25	$9,900

RUBBER TIRE LOADERS

Hough 90 Diesel - 1959 - 2.5 Yd.	$3,500
Fiat 345B - Cab - Forks - 1977	$9,500
JD 544A - Cab - 2 Yd. - 1971	$16,500

FORKLIFTS

Yale 5000 Lb. - Diesel - Air Tires - 1982	$7,900

LOG SKIDDERS

Clark 666B - Diesel - 1977	$7,900
JD 440C - Diesel - 1980	$18,500

FORKLIFTS

2,000 to 15,000 Lb.
$1,000 to $12,000
Gas/LP-Diesel-Electric
Cushion-Pneumatic-Rough Terrain
New Komatsu Forklifts Available
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Case 252, 602, 1102 Rollers Demonstrators
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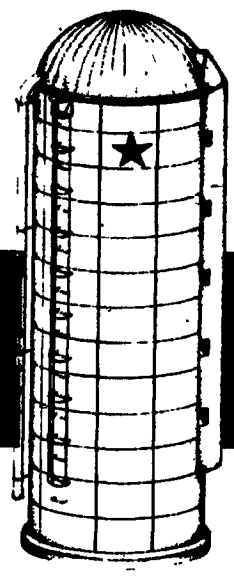

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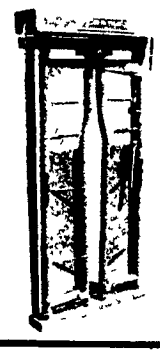

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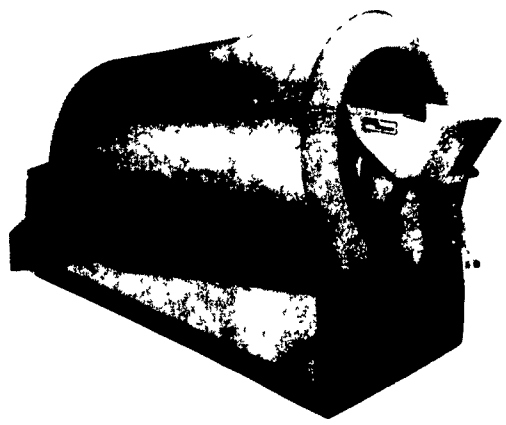

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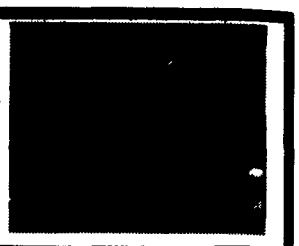

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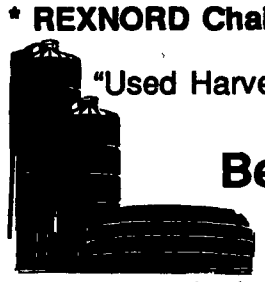

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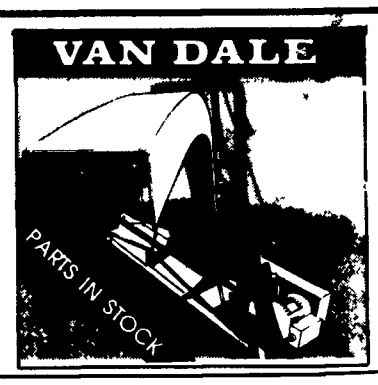

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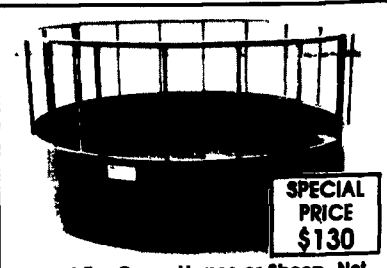

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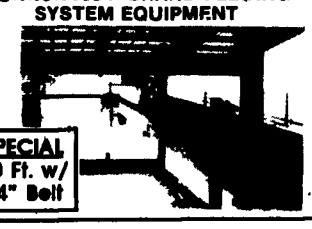

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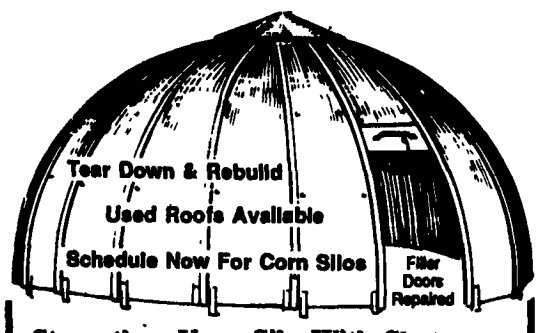

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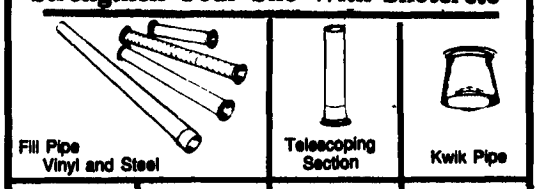

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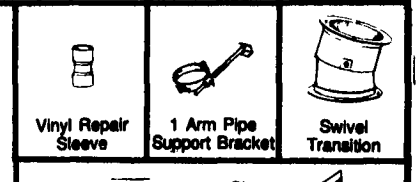

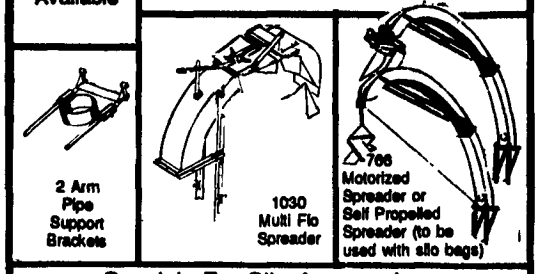
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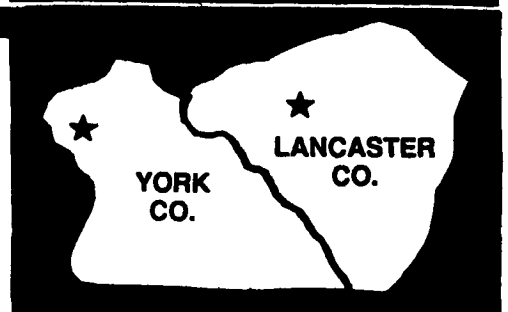

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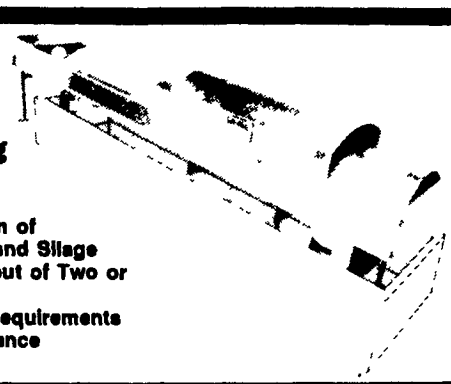

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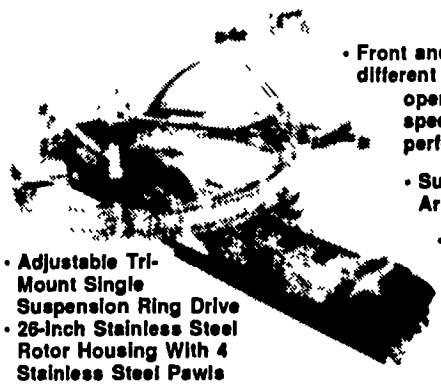

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